

Ray Bagshaw
Mayor

Michael Hendrix
Council Member

Pam Henley
Council Member

John Dowless
Council Member

Neil Powell
Council Member

Lee Chotas
Council Member

CITY COUNCIL AGENDA
Regular Meeting
City Hall – Council Chamber
405 Larue Avenue, Edgewood, Florida
Tuesday, July 16, 2013
6:30 p.m.

WELCOME! We are very glad you have joined us for today's Council meeting. If you are not on the agenda, please complete an appearance form and hand it to the City Clerk. When you are recognized, state your name and address. The Council is pleased to hear relevant comments; however a five-minute limit has been set by Council. Large groups are asked to name a spokesperson. Robert's Rules of Order guide the conduct of the meeting. PLEASE SILENCE ALL CELLULAR PHONES AND PAGERS DURING THE MEETING. "THANK YOU" for participating in your City Government.

A. CALL TO ORDER

B. INVOCATION

C. PLEDGE OF ALLEGIANCE

D. CONSENT AGENDA

1. Review and Approval of Minutes (Pgs. 1- 6)
 - April 16, 2013
2. Control Specialists – 2013-2015 New Traffic Signal Maintenance Agreement (Pgs. 7 – 16)

(Items on the consent agenda are defined as routine in nature, therefore, do not warrant detailed discussion or individual action by the Council. Any member of the Council may remove any item from the consent agenda simply by verbal request prior to consideration of the consent agenda. The removed item(s) are moved to the end of New Business for discussion and consideration.)

E. PRESENTATIONS

F. CITIZEN COMMENTS

G. STAFF REPORTS

City Attorney:

Police Chief:

- Quarterly Report – 2nd Quarter (Pgs. 17 – 20)

City Clerk:

Code Enforcement:

I. MAYOR & COUNCIL REPORTS

- Mayor Bagshaw
- Council President
- Council Member Powell
- Council Member Dowless
- Council Member Henley
- Council Member Chotas

J. UNFINISHED BUSINESS

K. NEW BUSINESS

1. FY 13/14 Tentative Millage Rate (Pgs. 21 – 28)

L. BOARDS & COMMITTEES

M. ORDINANCES (Pgs. 29 – 310)

ORDINANCE NO. 2013-04 - AN ORDINANCE EXTENSIVELY AMENDING THE CITY OF EDGEWOOD COMPREHENSIVE PLAN TO IMPLEMENT THE RECOMMENDATIONS OF THE EVALUATION AND APPRAISAL REPORT OF THE CITY OF EDGEWOOD COMPREHENSIVE PLAN; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICT AND SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE (*Transmittal*)

N. PUBLIC HEARINGS (ORDINANCES – SECOND READINGS & RELATED ACTION)

O. GENERAL INFORMATION (No action required)

- Local Business Tax Receipt (Pgs. 311 – 312)

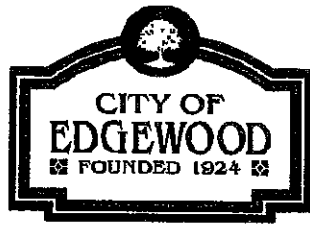
P. ADJOURNMENT

UPCOMING MEETINGS:

August 20, 2013.....City Council Regular Meeting
September 3, 2013.....City Council Special Meeting (adopt tentative millage and budget)
September 17, 2013.....City Council Regular Meeting (final hearing/millage and budget)

You are welcome to attend and express your opinion. Please be advised that Section 286.0105, Florida Statutes state that if you decide to appeal a decision made with respect to any matter, you will need a record of the proceedings and may need to ensure that a verbatim record is made. In accordance with the

American Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodation to participate in this proceeding, he or she should telephone the City Clerk at (407) 851-2920.



**EDGEWOOD CITY COUNCIL
APRIL 16, 2013 CITY COUNCIL REGULAR MEETING**

On Tuesday, April 16, 2013, Council President Judy Beardslee called the Edgewood City Council regular meeting to order at 6:34 p.m. The invocation was given by Council Member Powell followed by the Pledge of Allegiance.

The following attendance is noted:

Attendees:

Ray Bagshaw, Mayor
Judy Beardslee, Council President
John Dowless, Council Member
Lee Chotas, Council Member
Neil Powell, DDS, Council Member
Pam Henley, Council Member

Staff

City Clerk Bea Meeks
Chief Marcus
City Attorney Smith

.....
Council President Beardslee called on Chief Marcus, who presented an award to Officer David Ireland for his actions during a recent storm in getting roads opened for travel.

Council President Beardslee acknowledged Mayor Bagshaw's birthday.

CONSENT AGENDA

- January 8, 2013 – Council Workshop Minutes
- January 15, 2013 – Regular City Council Meeting Minutes

Council Member Powell made the Motion to approve the consent agenda, with Second by Council Member Henley. The consent agenda was unanimously approved.

PRESENTATIONS

- **Mayoral Proclamations**

Mayor Bagshaw presented the following Proclamations:

1. Municipal Clerks Week Of May 5th – May 11th

2. Military Family and Community Covenant Day

CITIZEN COMMENTS

Council President Beardslee asked if any citizens were present to speak.

1. Wayne Adams 5511 Lake Mary Jess Shores Court

Mr. Adams said there are a lot of Water Oak trees in his neighborhood. He asked for the trees to be cut down. Mr. Adams said he discussed this matter with Mayor Bagshaw last year. He also noted a tree at the beginning of his subdivision that is blocking the lighting. In response to Council President Beardslee, the Mayor said he is addressing this matter in his report. In response to Mr. Adams, the Mayor said there are a lot of trees that have matured in the City that may need to be removed. He said the arborist will be in the City tomorrow and he will ask them for an assessment of the trees. Council President Beardslee said the Mayor has been very proactive in assessing trees that pose a danger.

STAFF REPORTS

Police Chief:

Chief Marcus reported on the following:

Chief Marcus said that in a recent meeting Council Member Powell said he had not seen an update on Police personnel. For this reason, Chief Marcus provided an updated personnel booklet to Council Members.

Chief Marcus reported that the torch run is next week and his staff and City Hall staff will be handing water out to the runners.

Chief Marcus said he discussed replacing a vehicle with Mayor Bagshaw, as he would like to replace the Crown Victoria with a Ford Explorer.

Chief Marcus presented his proposal for new graphics on the police cars. He provided a handout to Council showing the proposed new graphics. In response to Council Member Chotas, Chief Marcus said he wants to change the graphics on the old vehicles too. Council President Beardslee said she has no objections. Council Member Chotas said the cars look fine. In response to Council Member Chotas, Chief Marcus said the graphics package is \$300.00 per car but he does not know if that includes taking off the old graphics. Chief Marcus said that if he was able to move forward with the request, he would like to know if Council likes the new design. In response to Council Member Dowless, Chief Marcus said the graphics would be four retrofits, and one new vehicle. Chief Marcus noted the emphasis on the flag in the proposed graphics. He said the current design is outdated. He said a graphics change does not have to be done but thinks it would be nice to make the change. In response to Council Member Henley, Chief Marcus said he sees the design as a benefit, as he thinks it will make the cars stand out for citizens. Council Member Henley said she likes the design but would like to see the costs. In response to Council Member Powell, Chief Marcus said the Ford Explorer is better than the Crown Victoria. He said it is a purpose built vehicle with better options. In response to Council Member Henley, he said he hopes the Crown Victoria will make it through the summer; he does not want to dump more money into the vehicle. In response to Council Member Chotas, he said that he did not feel 911 was needed on the proposed graphics, as residents know who to call.

Chief Marcus referred Council Members to his quarterly report that was included in their agenda packets. Chief Marcus said the numbers provided in his report continue to show that the City's crime is low compared to other jurisdictions. In response to Council Member Dowless, Chief Marcus explained how his department handles false alarm calls.

Chief Marcus said he has seen the draft accreditation report and it is very flattering. He said the full accreditation will take place in June.

Chief Marcus said a reserve officer is leaving his department, and he has a fire fighter that is going through the hiring process to fill the position.

City Clerk:

City Clerk Meeks reported on the following:

City Clerk Meeks said that she, along with Police Clerk Shannon Patterson and the Mayor, have been meeting with Debbie Fekany, Payroll Processing Plus. She said the transition to outsource payroll is almost complete. She said that Payroll Processing Plus will begin processing payroll in May.

City Clerk Meeks reminded Council that there will be a special Planning & Zoning Board meeting on April 22, 2013, and a special Council meeting on April 23, 2013. Both meetings are for the purpose of addressing a request for a special exception from the Russell Home.

City Clerk Meeks reported on the status of the monthly financial statements.

City Clerk Meeks reported the Planning & Zoning Board will meet in May to consider an application for annexation and the Comprehensive Plan.

City Clerk Meeks announced that she will be at the Florida Association of Business Tax Officials' conference the week of April 30th through May 3rd.

For informational purpose only, City Clerk Meeks provided Council Members with a copy of the final tax roll.

Code Enforcement:

No report.

City Attorney:

No report.

MAYOR & COUNCIL REPORTS

Mayor Bagshaw

Mayor Bagshaw reported on the following:

Mayor Bagshaw reported that Accu-Krete will begin sidewalk repair on March 21, 2013.

Mayor Bagshaw reported that a proposal for the road repair project that was discussed during the budget process has been provided to contractors. He said the bid opening will be April 22, 2013.

Mayor Bagshaw said he requested to have Commerce Drive placed on the agenda. Mayor Bagshaw said this has been an ongoing concern, as it relates to Robert Brown's property. He said he has talked with the Commerce HOA and the residents. The Mayor said there needs to be some corrections made to the existing wall. He said the Commerce HOA is willing to pay \$1000 towards replacing the wall. He recommended that the City accept the \$1000.00 from the HOA and pay the remaining \$2500.00 to resolve this long term issue. In response to Council President Beardslee, Mayor Bagshaw said Sam Sebaali, FEG, looked at the wall and said replacing the wall should correct the problem.

Council Member Dowless made the Motion to amend the budget to provide the funds in the amount of \$2500 to make corrections to Mr. Brown's property and the Commerce Wall; monies to be taken from the contingency fund.

Council Member Chotas seconded the Motion and asked to amend the Motion to include (1) clarify that funds were authorized to be expended to correct City property; (2) to authorize receipt of \$1000.00 from the Commerce HOA. Unanimously approved (5/0).

Mayor Bagshaw reported that a golf cart stolen from the Russell Home was replaced by an anonymous donor.

Council President Beardslee

Council President Beardslee noted the change in the order of items on the agenda. She said she wanted to allow the general public in attendance at the beginning of meeting to be able to speak, as well as hear staff reports. She said she was also concerned about taking action on items from staff reports that were not included on the agenda. Particularly, when items include a request to spend money. She said she would like to see a proposal and documentation. Additionally, Council President Beardslee said a lot of time is being spent on consent agenda items, and she would like for information regarding corrections to the minutes be given to the City Clerk in advance of the meeting.

Council President Beardslee recommended that action items be provided to the City Clerk by 4 p.m. the Tuesday prior to the Council meeting.

Council Member Chotas made the Motion that all action items to be placed on the agenda be provided to the City Clerk the Tuesday prior to the Council meeting by 4 p.m. Council Member Powell Second the Motion. Unanimously approved.

Resident Rebecca Poston questioned the posting requirement of the agenda, and referenced House Bill 23. City Attorney Smith said the agenda has to be posted forty-eight hours prior to the meeting.

Council Member Powell

Council Member Powell noted the traffic problems on Holden Avenue and Orange Avenue caused by the resurfacing on Holden Avenue. He said damage was done to a sensor, causing a change in the traffic signals and delaying traffic. Council Member Powell said it took some time to correct the problems however, the problem has been resolved.

Council Member Powell reported that he is working on getting directional arrows for the straight driving lane, and the right turn lane going east on Holden Avenue. He said this problem seems to be coming to a resolve.

Council Member Powell said there was a hydraulic fuel spill on Lynwell Drive. He said the Orange County Environmental Protection Department was contacted because of the close proximity of the spill to the lake. He said a meeting with the County and staff is scheduled for April 29, 2013.

Council Member Dowless

Council Member Dowless reported on his attendance at the Cypress Grove Friends of the Park meeting. He said he was unable to attend a VA event. Council Member Chotas said he attended the event, and it was a good event.

Council Member Henley

None.

Council Member Chotas

None.

Council President Beardslee moved the order of the Agenda to consider Ordinance 2013-01; second and final reading.

PUBLIC HEARINGS (ORDINANCES – SECOND READINGS & RELATED ACTION)

Ordinance 2013-01

AN ORDINANCE OF THE CITY OF EDGEWOOD, FLORIDA, AMENDING SUBPART B "LAND DEVELOPMENT REGULATIONS", CHAPTER 101, "GENERAL AND ADMINISTRATIVE PROVISIONS", CREATING ARTICLE I, ENTITLED "PASS-THROUGH FEES", IN THE CODE OF ORDINANCES; PROVIDING FOR PASS-THROUGH TO THE APPLICANT OF CERTAIN COSTS INCURRED BY THE CITY PERTAINING TO THE REVIEW, INSPECTION AND REGULATION OF DEVELOPMENT ACTIVITIES WITHIN THE CITY; PROVIDING FOR CONFLICTS AND SEVERABILITY; AND ESTABLISHING AN EFFECTIVE DATE.

City Attorney Smith read Ordinance 2013-01 in title only. He noted a redline copy of the Ordinance that shows the changes that Council Member Chotas asked him to author, in addition to changes made in the March Council meeting. City Attorney Smith said the substantive changes are lines 40, 202 and 184 (red line copy attached to the minutes).

Council Member Powell made the Motion to approve the second and final reading of Ordinance 2013-01, as amended, with Second by Council Member Chotas.

BOARDS & COMMITTEES

None.

ORDINANCES

None

GENERAL INFORMATION (No action required)

None.

ADJOURNMENT

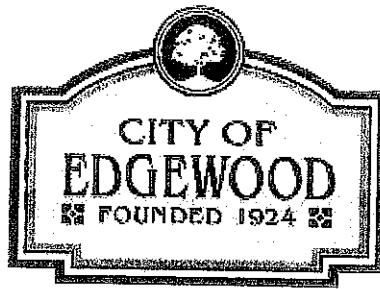
With no further business or discussion, the City Clerk announced that birthday cake for the Mayor will be served following adjournment. The meeting adjourned at 8:18 p.m.

ATTEST:

John Dowless
Council President

Bea L. Meeks, MMC, CPM
City Clerk

APPROVED BY CITY COUNCIL ON _____.



MEMO

TO: Mayor Bagshaw, Council President Dowless, Council Members Henley, Chotas, Hendrix and Powell

FROM: Bea L. Meeks, City Clerk

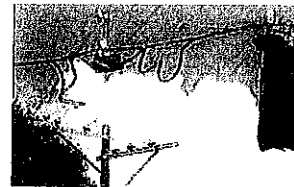
RE: 2013 – 2015 New Traffic Signal Maintenance Agreement

DATE: July 10, 2013

I have placed the above-referenced Agreement under the consent agenda, as the City has maintained this Agreement with Control Specialists since June 1990.

Under the terms and conditions of the City's Agreement with Control Specialists for emergency repair and maintenance, planned maintenance, and new installations and equipment on traffic lights, caution lights, school flashers, and roadway safety lighting, it is understood and agreed that the contractor will perform the installation and construction of new equipment, which includes major repair or major changes in any system and the contractor shall furnish the City with a firm price for the work.

Control Specialists has served this City well. This was recently demonstrated when three traffic signals sustained damage, Control Specialists quickly responded and repaired the lights.



The usual monthly payment is \$330.00, unless additional work is required. It should be noted that these payments are now made to Amerifactors.

The City does receive funds to help offset the City's monthly payments to Control Specialists; see below:

- Traffic Signal Agreement, Contract No. AM-606 – administered by Mike Sanders, FTOT (District Traffic Operations Office)
- Approved in Resolution 2002-R008
 - July 1, 2012 – June 30, 2013 Invoice to FDOT : \$4646.00
- Highway Lighting Maintenance and Compensation Agreement, Contract No. AM-310 – administered by Renee Hutchinson, FDOT Orlando Office
 - The City received a check in the amount of \$13,244 in June 2013
 - The total compensation the City will receive in 2014 is \$16,031

Recommendation: Approve the Agreement as presented.



Control Specialists

Traffic Systems Since 1965

July 8, 2013

Ms. Beatrice Meeks
City of Edgewood
405 Larue Avenue
Edgewood, FL 32809

RE: 2013-2015 New Traffic Signal Maintenance Agreement

Dear Ms. Meeks:

This correspondence serves as your reminder that the existing Traffic Signal Maintenance Agreement you have with Control Specialists is set to expire.

We welcome the opportunity to offer the City a new Agreement, however due to the rising cost of fuel and related materials we will need to exercise the ten percent (10%) price increase option as defined under 2) Term, second paragraph. The new prices would be as follows:

Flat Rate Planned Maintenance	\$121.00
Regular Time Emergency Maintenance	\$121.00
Overtime Emergency Maintenance	\$137.50
New intersection Inspection	\$121.00
Service Vehicle	\$ 55.00

Attached please find two copies of our proposed Agreement. As I am sure that you will agree, the prices are moderate and desire your consideration.

After review, please sign and return both copies to my attention. An executed copy will be returned for your records.

Sincerely,

CONTROL SPECIALISTS

Terence Tomlin
Technical Services Representative

Enclosures (2)

TT/jm

AGREEMENT/NEW

THIS AGREEMENT made and entered into this 1st day of November 2013 by and between the CITY OF EDGEWOOD hereinafter referred to as "OWNER" whose address is 405 Larue Avenue Edgewood, Florida 32809 and TRAFFIC ENGINEERING AND MANAGEMENT LLC dba CONTROL SPECIALISTS, hereinafter referred to as "CONTRACTOR" whose address is 707 Nicolet Avenue, Suite 100, Winter Park, Florida 32789.

WITNESSETH:

THAT IN CONSIDERATION of the mutual covenants contained herein, it is hereby agreed between the parties as follows:

1) Scope of Work. The Contractor shall be available on the request of the Owner to provide emergency repair, planned maintenance, new installations of traffic lights, caution lights, school flashers, and roadway safety lighting. (Please refer to "Exhibit A" Traffic Signal Intersection Inspection form attached).

2) Term. This agreement shall be for an initial term of two (2) years from the date of the Agreement; however, the Owner shall have the right to cancel and terminate this Agreement, in its sole discretion, during the term thereof, upon giving written notice to the Contractor at least ninety (90) days prior to the intended date of termination. In the event of termination, the Contractor shall be entitled to receive payment for services and work performed and materials and/or equipment furnished under the terms of this Agreement as directed by the CITY OF EDGEWOOD up to the date of termination; provided, however, it is acknowledged that the Contractor shall not be entitled to any damage liquidated or otherwise caused as a result of such termination.

It is mutually agreed between both parties that this Agreement may be extended at the expiration of the initial term for additional one (1) year terms from the anniversary date of the expiration of the original term, upon the same terms and conditions specified herein; rates are subject to change, but not to exceed ten percent (10%) in a given year. The Contractor shall give notice in writing, within ninety (90) days, of its intentions to renew this Agreement at the expiration date of each year's renewal. The Owner shall, within thirty (30) days after receipt of said written notice by the Contractor, give notice in writing rejecting or consenting to said renewal. Failure of either party to give such written notice within said time period shall result in automatic termination of the Agreement.

3) Prosecution of Work. The Contractor shall prosecute the work under this Agreement in the following manner:

a) The Contractor certifies that it is a full-time specialized contractor in the State of Florida, and is pre-qualified by the Florida Department of Transportation to perform said work and has the capability and expertise to install and

maintain traffic signals for the CITY OF EDGEWOOD.

b) The Contractor shall provide emergency repair, planned maintenance, and new installations of traffic lights, caution lights, school flashers, and roadway safety lighting as requested and directed by the CITY OF EDGEWOOD's designated personnel, hereinafter referred to as "Director".

c) The Contractor shall provide qualified employees of the Contractor who shall be available at all times, day and night, for on-site consultation with the Director about traffic signal problems. The Contractor shall furnish the name and telephone number of such representatives to the Director upon execution of this Agreement.

d) The Contractor shall at all times, maintain emergency response vehicles which will be utilized to respond to emergency maintenance calls during the term of this Agreement. This emergency vehicle shall have rotating beacons on front and center or rear.

e) The Contractor, in performing any work under this Agreement, shall utilize protective signing, flashers, cones, and flag persons in compliance with the "Manual on Traffic Controls and Safety Practices for Street and Highway Construction, Maintenance, and Utility Operation", Sections 1 through 15, published by the Florida Department of Transportation.

f) The Contractor shall be responsible for making all arrangements with public or private utility companies to ensure underground and overhead clearances and construction liaison when needed.

g) The Contractor shall promptly notify the Director of the disablement of any piece of equipment of any system due to an accident or other cause, such as damaged cable, broken parts, or other difficulties, when such piece of equipment cannot be readily repaired, making it necessary to discontinue operation of all or part of the installation.

h) The Contractor shall promptly report to the Director any unauthorized construction or repair work by others on the CITY OF EDGEWOOD's equipment being maintained under this Agreement. The Contractor shall also report any construction or repair work in progress that may endanger or damage the equipment of the Owner's system.

i) The Contractor shall act in the best interest of the Owner in selection of material and equipment, which has been authorized for purchase by the Director. Also, the Contractor shall advise and assist the Director regarding the settlement of claims on defective materials and equipment used in traffic signal, school flasher, and highway safety equipment when purchased by the Contractor.

4. Job Numbers:

a) The Contractor, prior to commencement on any routine maintenance, shall receive a Purchase Order Number from the Director. Upon completion of the work, the Contractor shall notify the Director of the scope, nature, and cost of such work performed.

b) The Contractor, at the end of every month, shall submit to the Director for approval for payment, a copy of all invoices. A separate invoice shall be used to identify each job.

c) The Contractor shall be issued a separate Purchase Order and Job Number prior to the commencement of any work to be performed for non-routine maintenance, construction, major repairs and capital purchases. These Job Numbers shall be obtained only from the Director. If the Director orally directs that a repair be made during non-working hours, a formal Job Number shall be issued to the Contractor the next normal day of operation to cover such work as was duly authorized.

5) Compensation. The Owner shall pay the Contractor for work the Contractor performed pursuant to Owner's requests as follows:

a) The Owner shall pay the Contractor \$121.00/man hour per hour for regular time emergency maintenance. Regular time emergency maintenance shall be for all maintenance and construction on which the Contractor is provided less than five (5) working days notice.

b) The Owner shall pay the Contractor \$137.50/man hour per hour for overtime emergency maintenance. Overtime emergency maintenance shall be maintenance and construction for which the Contractor has been given less than five (5) working days' notice and the work shall be performed after four o'clock PM (4:00PM) and before seven-thirty AM (7:30AM), and on all weekends and legal holidays. For a day to be considered a holiday under this provision, the Contractor must declare the day a holiday for all of their personnel, and shared with the Owner upon the start of the Agreement.

c) The Owner shall pay the Contractor \$121.00/month flat rate per intersection for planned maintenance. Each intersection shall be visited one (1) time per month whereby the Contractor will visually inspect all traffic signal equipment and components; thereby preventative malfunction action will be enacted.

d) For the Contractor to be compensated at the rates described in paragraphs a, b, or c above, the Contractor shall provide at least one qualified employee who shall perform the work

together with tools and equipment and one service vehicle. The Contractor may charge the Owner for travel time to the work site.

e) In the case of the installation of new equipment, the Contractor, upon the request of the Director, shall make an inspection of the new equipment at the time of activation to assure the Owner that the new equipment is in proper working order. This service shall be compensated at a rate of \$121.00/man hour per hour.

f) The notice required under this Agreement for emergency maintenance of planned maintenance may be furnished by the Director or his duly authorized representative by telephoning the Contractor at (407) 628-1965. The Contractor shall have a person or device available at this number twenty-four (24) hours a day to receive telephone messages from the Owner. The Owner may also give notice to the Contractor by sending a letter by mail to the Contractor to 707 Nicolet Avenue, Suite 100, Winter Park, Florida 32789. The time period for notice shall begin to run when the Director or his representative places the call or sends the letter by mail.

6) Materials and Equipment.

a) The Owner shall pay to the Contractor the actual cost of all materials furnished by the Contractor which are an integral part to the finished work, plus shipping to which 25% shall be added for amounts up to \$500.00, 20% for amounts between \$501.00 and \$2,000.00, and 15% for all amounts equal to, or in excess of \$2,001.00 said amounts to consist of the cost per items or unit which is normally sold or furnished as an integral unit. The Owner, however, reserves the right to purchase material to be held as inventory by the Contractor and installed as directed by Owner.

b) The Director may inspect the Contractor's maintenance shop and storage area on a daily basis to insure the Contractor has adequate inventory or parts and equipment of its own to furnish service under this Agreement. The Director may also hold inspections to ascertain that all Owner supplied equipment has been properly located, maintained, and used.

c) The Contractor shall be financially responsible for any damage to Owner's materials or equipment arising out of, or due to, the negligence of the Contractor or his agents and employees.

d) Any and all parts replaced by the Contractor shall be maintained and available for Owner's inspection for a period of at least sixty (60) days.

e) The Contractor shall extend to the Owner the same warranty on all materials and equipment furnished under this Agreement which the manufacturer extends to the Contractor, or

purchases, whichever is greater. The Contractor shall guarantee its workmanship under this Agreement for a period of one (1) year.

f) The Contractor shall charge the prevailing rental rate to the Owner on all standard construction equipment. The following specialized traffic light equipment shall be charged to the lesser of the prevailing rental rate for the Owner or the following designated cost per hour:

(1)	Bucket Truck	\$ 88.00 per hour
(2)	Lift Truck	\$ 88.00 per hour
(3)	Auger/Crane Truck	\$125.00 per hour
(4)	Service Vehicle	\$ 55.00 per hour

7) Extra Work. It is understood and agreed under this Agreement that the Contractor shall hold itself ready at all times to perform emergency planned maintenance for the Owner on traffic lights, caution lights, school flashers, and roadway safety lighting. In addition, the Owner shall have the Contractor perform the installation and construction of new equipment for the Owner under this Agreement. This includes major repairs or major changes in any system. The new construction or major repairs shall be performed only after receiving written notice from the Owner. The Owner shall reimburse the Contractor for its work at the rate established in this Agreement for planned maintenance on an hourly basis and shall reimburse the Contractor for costs for materials and equipment in accordance with paragraph 6.a of this Agreement. If the Contractor desires to perform any work or project involving new installations or major repairs, the Contractor shall furnish the Owner a firm price for all the work necessary to perform such major repair or to complete such new construction.

8) Time and Charges. If it becomes necessary to install a temporary controller due to damage to a traffic signal which changes the timing or sequence, or any other special feature of a traffic signal, the Director shall be notified in writing giving the reason for the change, the nature of the change and the approximate date the traffic signal shall be returned to normal service. The Director shall also be notified in writing within a reasonable time when the original equipment has been repaired and replaced. The Director must authorize any and all timing changes on Owner's traffic signals. Whenever the Director determines a condition that warrants the modification of timing or dial settings on traffic control systems, the Director shall advise the Contractor of such changes and the Contractor shall keep timing and dial setting in accordance with the Director's instructions at all time. In the event of an emergency, if the Director is unavailable, the Contractor shall make such time changes as are necessary.

9) Contractor's Records. The Contractor shall maintain records in accordance with generally accepted accounting practices to document its costs and expenditures under this Agreement. The

Contractor hereby grants the Owner and its duly authorized representative's permission to audit the review any and all of the Contractor's records pertaining to the Agreement. The Contractor shall furnish the Owner all invoices and statements for which it requests reimbursement.

10) Method of Payment. At the completion of all the work under Purchase Order Number or Special Job Number, the Contractor shall submit an invoice to the Director for approval. The invoice shall cite both the Purchase Order Number and the Job Number, the date, time, location, reporting agencies, repairs made, and the itemized costs.

11) Performance Bond and Labor/Material Bond. If required, the Contractor shall post a labor and material bond in the amount of \$10,000.00, which shall guarantee the payment by the Contractor of all sums of money due for any labor or materials furnished under this Agreement. The Contractor shall also furnish a performance bond in the sum of \$10,000.00 which bond shall guarantee the faithful performance of any and all duties under this Agreement. For new construction or other major projects, the Owner may require a bond of greater amount. The Owner shall reimburse Contractor for all costs associated with any required bonds.

12) Insurance. The Contractor shall provide and maintain at all times during the term of this Agreement, without cost or expense to the Owner, policies, of insurance generally known as public liability policies, insuring the Contractor against any and all claims, demands and causes of action whatsoever for injuries received and damage to property in connection with this Agreement. Said policies of insurance shall insure the Contractor in the amount of not less than \$1,000,000.00 per person and in the amount of not less than \$1,000,000.00 to cover any and all claims arising in connection with any particular accident or occurrence, and property damage insurance in the amount of \$1,000,000.00. The Contractor shall provide and maintain Workers' Compensation insurance as required by Florida State Statute 440. The Owner shall be entitled to thirty (30) days notice of any change or cancellation in said policies. The Owner shall be named as additional insured under any and all public liability policies.

13) Final Payment. The Owner shall hold the final payment due the Contractor until all equipment has been inspected and inventoried which the County furnished under this Agreement. The costs of any equipment unaccounted for, or deficiencies in workmanship during the year, shall be subtracted from the final Agreement payment. A complete inventory, including a list of all field and traffic equipment supplied by the Owner shall be made to the beginning and termination of the Agreement.

14) Independent Contractor. The Contractor shall perform the conditions of this Agreement as an independent contractor and nothing contained herein shall be construed to be inconsistent

with this relationship or status. Nothing in this Agreement shall be in any way construed to constitute the Contractor, or any of its agents or employees as the agent, employee, or representative of the Owner.

The Contractor agrees that they shall be solely responsible to parties with whom they shall deal in carrying out the terms of this Agreement and shall be responsible for the agreements they shall make with the third party or for those obligations incurred by the Contractor to such third parties in carrying out the terms of this Agreement.

15) Termination for Cause. If, through any cause, the Contractor shall fail to fulfill in a timely manner its obligations under this Agreement, or if the Contractor shall violate any of the covenants, agreements, or stipulations of this Agreement, the Owner shall have a right to terminate this Agreement by giving written notice to the Contractor of such termination, specifying the effective date of thereof, at least ten (10) days before the effective date of such termination.

16) Personal Service Contract. This Agreement is not assignable by the Contractor without the expressed written consent of the Owner.

17) Entire Agreement. It is agreed that neither party has made any statement, promise or agreement, nor taken upon itself any engagement whatsoever, verbally or in writing, in conflict with the terms of this Agreement, or that in any way modifies, carries, alters, enlarges or invalidates any provision hereof.

18) Severability. In the event a Court to Competent Jurisdiction finds any sentence, provision, paragraph, or section of this Agreement null and void, the remaining parts of this Agreement shall continue in full force and effect as though such sentence, provision, paragraph, or section has been omitted from this Agreement.

CITY OF EDGEWOOD

Signature/Date (Seal)

TRAFFIC ENGINEERING AND MANAGEMENT LLC
DBA CONTROL SPECIALISTS

Signature/Date (Seal)

POLICE DEPARTMENT QUARTERLY ACTIVITY UPDATE
2ND QUARTER 2013

RESIDENTIAL BURGLARY (6) (LAST QTR 3)

DATE	TIME	LOCATION	NOTES
05/08/13	2:57 PM	325 OAK LYNN	GUNS/LAPTOP/CHECKS STOLEN
05/15/13	11:54 AM	535 MANDALAY	TVS/COMPUTERS TAKEN
05/17/13	10:44 AM	638 VISCAYA	MISC JEWELRY TAKEN
05/31/13	6:07 PM	5088 STRATEMEYER	NOTHING TAKEN - NO ENTRY MADE
06/13/13	10:21 AM	4658 OAK COVE	TV TAKEN
06/09/13	3:30 PM	5063 STRATEMEYER	GUN/COINS/JEWELRY TAKEN

COMMERCIAL BURGLARY (3) (LAST QTR 0)

DATE	TIME	LOCATION	NOTES
05/03/13	3:47PM	2 HOLDEN (COLEMAN'S NURSERY)	TOOLS TAKEN (SUSPECT DECEASED)
05/16/13	2:38 AM	4710 S. ORANGE (KWIK STOP)	NOTHING TAKEN - NO ENTRY MADE
06/22/13	4:16 AM	4201 ORANGE (JULIES WATERFRONT)	CASH TAKEN

AUTO BURGLARY (1) (LAST QTR 6)

DATE	TIME	LOCATION	NOTES
04/29/13	10:13 PM	652 GLEN GROVE	UNLOCKED VEH - PURSE TAKEN

GRAND THEFT (3) (IN EXCESS OF \$300. VALUE) (LAST QTR 2)

DATE	TIME	LOCATION	NOTES
05/02/13	12:00 PM	5525 COMMERCE	THEFT OF TRAILER
06/04/13	8:59 AM	5421 HANSEL (CAMELOT)	2 JET SKIS/TRAILER TAKEN/SKIS RECOVERED
6/05/13	1:50 PM	4709 ORANGE (WELLS FARGO)	CELL PHONE TAKEN

PETIT THEFT (3) (UNDER \$300. VALUE) (LAST QTR 2)

DATE	TIME	LOCATION	NOTES
04/10/13	9:15 AM	5456 HANSEL (COMMUNITY THRIFT)	THEFT OF TV - ARREST
04/19/13	2:58 PM	627 HOFFNER (STONE FIRED PIZZA)	THEFT OF \$ - ARREST
05/03/13	12:34 PM	4893 S. ORANGE (EAST/WEST REC)	THEFT OF BACKFLOW VALVE

RESIST OFFICER (3) (LAST QTR 2)

DATE	TIME	LOCATION	NOTES
05/09/13	9:28 PM	4401 ORANGE (DISCOVERY CHURCH)	ARREST
05/13/13	9:16 AM	S. ORANGE & STRATEMEYER	ARREST
06/10/13	9:35 AM	5311 JESSAMINE	ARREST

ASSAULT/BATTERY (3) (LAST QTR 1)

DATE	TIME	LOCATION	NOTES
05/25/13	8:49 PM	5451 HANSEL	DOMESTIC - ARREST
06/15/13	12:30 AM	1224 WATERWITCH COVE	DOMESTIC - ARREST
06/26/13	2:29 PM	1104 HOLDEN	AGG ASS GUN (ALLEGED)

SEXUAL BATTERY (0) (LAST QTR 0)

DATE	TIME	LOCATION	NOTES

ROBBERY (0) (LAST QTR 0)			
DATE	TIME	LOCATION	NOTES
NARCOTICS ARRESTS (9) (LAST QTR 9)			
DATE	TIME	LOCATION	NOTES
04/04/13	6:40 AM	5631 S. ORANGE	AMPHETAMINE
04/05/13	4:27 PM	HOLDEN & ORANGE	HEROIN
05/11/13	4:48 AM	LARUE & ORANGE	CANNABIS X 2
05/12/13	4:50 AM	5650 S. ORANGE (7-11)	COCAINE
05/16/13	4:20 PM	5607 S. ORANGE	PARAPHERNALIA
05/28/13	8:08 AM	5039 OAK TOURS	COCAINE
06/04/13	5:43 AM	5433 HANSEL	PARAPHERNALIA
06/13/13	3:22 PM	5406 HANSEL	CANNABIS
06/15/13	12:03 AM	MARY JESS & COMMERCE	CANNABIS
TRAFFIC ARRESTS (18) (LAST QTR 26)			
DATE	TIME	LOCATION	NOTES
04/05/13	11:27 AM	5000 BLK S. ORANGE	DWLS
04/07/13	9:09 AM	120 GATLIN	DWLS
05/08/13	1:55 PM	S. ORANGE & LK CONWAY	DWLS
05/13/13	9:16 AM	S. ORANGE & STRATEMEYER	DWLS
05/13/13	9:16 AM	S. ORANGE & STRATEMEYER	RECKLESS DRIVING
05/15/13	1:35 AM	S. ORANGE & GEM	DUI
05/26/13	3:44 PM	S. ORANGE & HOLDEN	DWLS
05/29/13	12:44 PM	S. ORANGE & GEM	DWLS
05/31/13	4:40 PM	HOLDEN & PATRICIA ANN	DWLS
06/02/13	9:53 AM	S. ORANGE & MARY JESS	DWLS
06/02/13	4:08 PM	GATLIN & OAK COVE	DWLS
06/03/13	8:30 AM	S. ORANGE & GATLIN	DWLS
06/10/13	9:35 AM	5311 JESSAMINE	DWLS
06/13/13	6:14 AM	120 GATLIN	DUI
06/24/13	4:52 PM	S. ORANGE & HOLDEN	DWLS
06/25/13	10:23 AM	GATLIN & OAK COVE	RECKLESS DRIVING
06/29/13	2:33 PM	HANSEL & MARY JESS	DWLS
06/30/13	10:17 AM	5444 S. ORANGE	DUI
OTHER ARRESTS (9) (LAST QTR 9)			
DATE	TIME	LOCATION	NOTES
04/10/13	9:15 AM	5456 HANSEL (COMMUNITY THRIFT)	PETTY THEFT
04/19/13	2:58 PM	627 HOFFNER (STONE FIRED PIZZA)	PETTY THEFT
05/09/13	9:28 PM	4401 ORANGE (DISCOVERY CHURCH)	RESIST W/OUT VIOLENCE
05/13/13	9:16 AM	5332 S. ORANGE	RESIST W/OUT VIOLENCE
05/25/13	8:49 PM	5451 HANSEL	DOMESTIC BATTERY
05/26/13	3:44 PM	S. ORANGE & HOLDEN	VOP
06/10/13	9:35 AM	5311 JESSAMINE	RESIST W/OUT VIOLENCE
06/12/13	8:03 AM	HOLDEN & JESSAMINE	POSS STOLEN PROP
06/15/13	12:30 AM	1224 WATERWITCH COVE	DOMESTIC BATTERY

TRAFFIC CRASH INFO (26) (LAST QTR 20)			
TYPE	#	LOCATION	NOTES
FATALITY	0		
HIT & RUN	1	S. ORANGE & HOLDEN	RED LIGHT CAMERA LOCATION
	1	S. ORANGE & GATLIN	
	1	5621 S. ORANGE	
INJURY	1	S. ORANGE & LK. GATLIN	
	1	S. ORANGE & STRATEMEYER	
	1	S. ORANGE & MARY JESS	
	1	5421 HANSEL	
	1	5671 S. ORANGE	
NON-INJURY	3	S. ORANGE & HOLDEN	
	3	S. ORANGE & GATLIN	
	3	S. ORANGE & MARY JESS	RED LIGHT CAMERA LOCATION
	2	S. ORANGE & LAKE GATLIN	
	2	S. ORANGE & HOFFNER	
	1	S. ORANGE & LYNNWELL	
	1	S. ORANGE & GEM	
	1	HOLDEN & CASA GRANDE	
	1	4900 S. ORANGE	
	1	5660 S. ORANGE	
MISCELLANEOUS			
ARREST WARRANTS/CIVIL PROCESS SERVED: 19 (LAST QTR 20)			
CITATIONS ISSUED: 596 (LAST QTR 752)			
RED LIGHT CAMERA CITATION ISSUED: 2582 (LAST QTR 2405)			
ALARMS ANSWERED: 42 (LAST QTR 55)			
CODE ENFORCEMENT			
SIGNS COLLECTED: 109 (LAST QTR - 212)			
CASES INITIATED: 68 (LAST QTR - 45)			
CASES TAKEN TO HEARING: 0 (LAST QTR - 0) (CASES WON - 0)			
P.D. ISSUES			
RESERVE OFFICER KASPROW RESIGNED (MOVED TO PENNSYLVANIA)			
RESERVE OFFICER GUILLEMETTE HIRED			

(3

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1

MEMORANDUM

July 16, 2013

TO: Mayor Bagshaw, Council President Dowless and Council Members Powell, Chotas, Henley and Hendrix

FROM: Bea L. Meeks, City Clerk

SUBJECT: Request to set tentative ad valorem millage rate and establish public hearings on the proposed budget and millage for Fiscal Year 2013/2014

The purpose of this memorandum is to recommend that the Edgewood City Council set the proposed operating millage rate for Fiscal Year 2013/2014 at the highest allowable millage rate during its regular meeting on July 17, 2012.

- The millage rate for Fiscal Year 2012/2013 is 4.7000.
- The rolled-back rate, based on the Property Appraiser's Certification of Taxable Value for Calendar Year 2012, is 4.7768 mills (working copy attached). The rolled-back rate is that millage rate that will generate the same ad valorem tax proceeds as the prior year exclusive of any new construction.
- That the rate requested be the maximum allowed by state law given the limitations of property tax reform legislation. The adoption of the highest allowable millage rate gives City Council the maximum flexibility in ultimately establishing the final millage rate after the budget workshop(s) in August and the two required public hearings in September.
- Any modification of the tentative rate by City Council during the budget workshop(s) and the public hearings can only be a decrease from the proposed millage rate.

It is also necessary for City Council to set the dates for public hearings on the budget. I recommend the City Council set the first public hearing on the tentative budget and millage on **Tuesday, September 3, 2013** in the Council Chamber of City Hall beginning at 6:30 p.m. This is a special meeting date. This first public hearing is advertised on the Notice of Proposed Property Taxes (TRIM Notice) and is mailed to taxpayers by the Orange County Property Appraiser. Council approved this schedule in the June 21, 2013 regular City Council meeting.

Within 15 days following the tentative budget hearing, the City must advertise its intent to adopt a final millage rate and budget in a newspaper of general paid circulation within the town. The second public hearing on the budget must be held within two to five days after the date the advertisement is published. Accordingly, I recommend that City Council set the second public hearing for **Tuesday, September 17, 2013** at 6:30 p.m. The final public hearing on the budget will be held in a regular meeting of the City Council. Council approved this schedule in the June 21, 2013 regular City Council meeting.

If there are any questions, please feel free to contact me.

Recommendation:

1. Direct City staff to set the millage at theⁱ highest allowable rate given property tax reform. As soon as the necessary information is received from the Property Appraiser's Office, this amount can be accurately calculated.
2. Advise the Orange County Property Appraiser's Office of the tentative ad valorem millage rate and public hearing date on the appropriate Form 420 in accordance with Truth in Millage (TRIM) requirements.

Other:

Motion Language

Millage

I move to set the City of Edgewood's tentative millage rate for Fiscal Year 2013/2014 at

Budget

I move to schedule the first public hearing on the City of Edgewood's Fiscal Year 2013/2014 tentative budget and millage rate, as a Special Council Meeting on Tuesday, September 3, 2013, at 6:30 p.m.

Millage History

1998 – 2000	3.9000
2001	4.1000
2002 – 2007	4.7000
2008 – 2011	3.9500
2012 – 2013	4.7000
2013 – current	4.7000

ⁱ The Florida Constitution caps the millage rate assessed against the value of the property at 10 mills per taxing entity. That is, taxing units are prohibited from levying more than \$10 in taxes per \$1,000 of taxable value on properties they tax, without obtaining voter approval at least every two years.



CERTIFICATION OF TAXABLE VALUE

DR-420
R. 5/12
Rule 12D-16.002
Florida Administrative Code
Effective 11/12

Year: 2013		County: Orange	
Principal Authority: Edgewood		Taxing Authority: Edgewood	
SECTION I: COMPLETED BY PROPERTY APPRAISER			
1.	Current year taxable value of real property for operating purposes	\$ 252,802,855	(1)
2.	Current year taxable value of personal property for operating purposes	\$ 16,700,273	(2)
3.	Current year taxable value of centrally assessed property for operating purposes	\$ 325,125	(3)
4.	Current year gross taxable value for operating purposes (Line 1 plus Line 2 plus Line 3)	\$ 269,828,253	(4)
5.	Current year net new taxable value (Add new construction, additions, rehabilitative improvements increasing assessed value by at least 100% annexations, and tangible personal property value over 115% of the previous year's value. Subtract deletions.)	\$ 1,850,205	(5)
6.	Current year adjusted taxable value (Line 4 minus Line 5)	\$ 267,978,048	(6)
7.	Prior year FINAL gross taxable value from prior year applicable Form DR-403 series	\$ 265,900,358	(7)
8.	Does the taxing authority include tax increment financing areas? If yes, enter number of worksheets (DR-420TIF) attached. If none, enter 0	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Number (8)
9.	Does the taxing authority levy a voted debt service millage or a millage voted for 2 years or less under s. 9(b), Article VII, State Constitution? If yes, enter the number of DR-420DEBT, Certification of Voted Debt Millage forms attached. If none, enter 0	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Number (9)
Property Appraiser Certification		I certify the taxable values above are correct to the best of my knowledge.	
SIGN HERE	Signature of Property Appraiser:	Date:	
SECTION II: COMPLETED BY TAXING AUTHORITY			
If this portion of the form is not completed in FULL your taxing authority will be denied TRIM certification and possibly lose its millage levy privilege for the tax year. If any line is not applicable, enter -0-.			
10.	Prior year operating millage levy (If prior year millage was adjusted then use adjusted millage from Form DR-422)	4.7000 per \$1,000	(10)
11.	Prior year ad valorem proceeds (Line 7 multiplied by Line 10, divided by 1,000)	\$ 1,249,732	(11)
12.	Amount, if any, paid or applied in prior year as a consequence of an obligation measured by a dedicated increment value (Sum of either Lines 6c or Line 7a for all DR-420TIF forms)	\$ 0	(12)
13.	Adjusted prior year ad valorem proceeds (Line 11 minus Line 12)	\$ 1,249,732	(13)
14.	Dedicated increment value, if any (Sum of either Line 6b or Line 7e for all DR-420TIF forms)	\$ 0	(14)
15.	Adjusted current year taxable value (Line 6 minus Line 14)	\$ 267,978,048	(15)
16.	Current year rolled-back rate (Line 13 divided by Line 15, multiplied by 1,000)	4.6636 per \$1000	(16)
17.	Current year proposed operating millage rate	4.7000 per \$1000	(17)
18.	Total taxes to be levied at proposed millage rate (Line 17 multiplied by Line 4, divided by 1,000)	\$ 1,268,193	(18)

Continued on page 2

19.	TYPE of principal authority (check one)	<input type="checkbox"/> County	<input type="checkbox"/> Independent Special District	(19)					
		<input checked="" type="checkbox"/> Municipality	<input type="checkbox"/> Water Management District						
20.	Applicable taxing authority (check one)	<input checked="" type="checkbox"/> Principal Authority	<input type="checkbox"/> Dependent Special District	(20)					
		<input type="checkbox"/> MSTU	<input type="checkbox"/> Water Management District Basin						
21.	Is millage levied in more than one county? (check one)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	(21)					
DEPENDENT SPECIAL DISTRICTS AND MSTUs STOP HERE - SIGN AND SUBMIT									
22.	Enter the total adjusted prior year ad valorem proceeds of the principal authority, all dependent special districts, and MSTUs levying a millage. <i>(The sum of Line 13 from all DR-420 forms)</i>		\$	(22)					
23.	Current year aggregate rolled-back rate <i>(Line 22 divided by Line 15, multiplied by 1,000)</i>		per \$1,000	(23)					
24.	Current year aggregate rolled-back taxes <i>(Line 4 multiplied by Line 23, divided by 1,000)</i>		\$	(24)					
25.	Enter total of all operating ad valorem taxes proposed to be levied by the principal taxing authority, all dependent districts, and MSTUs, if any. <i>(The sum of Line 18 from all DR-420 forms)</i>		\$	(25)					
26.	Current year proposed aggregate millage rate <i>(Line 25 divided by Line 4, multiplied by 1,000)</i>		per \$1,000	(26)					
27.	Current year proposed rate as a percent change of rolled-back rate <i>(Line 26 divided by Line 23, minus 1, multiplied by 100)</i>		%	(27)					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">First public budget hearing</td> <td style="width: 15%;">Date : 09/03/2013</td> <td style="width: 15%;">Time : 6:30 p.m.</td> <td colspan="2" style="width: 50%;">Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809</td> </tr> </table>					First public budget hearing	Date : 09/03/2013	Time : 6:30 p.m.	Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809	
First public budget hearing	Date : 09/03/2013	Time : 6:30 p.m.	Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809						
SIGN HERE	Taxing Authority Certification		I certify the millages and rates are correct to the best of my knowledge. The millages comply with the provisions of s. 200.065 and the provisions of either s. 200.071 or s. 200.081, F.S.						
	Signature of Chief Administrative Officer :			Date :					
	Title :		Contact Name and Contact Title :						
	Mailing Address :		Physical Address :						
	City, State, Zip :		Phone Number :		Fax Number :				

Instructions on page 3



CERTIFICATION OF TAXABLE VALUE

DR-420
R. 5/12
Rule 12D-16.002
Florida Administrative Code
Effective 11/12

Year: 2013	County: Orange
Principal Authority: Edgewood	Taxing Authority: Edgewood

SECTION I : COMPLETED BY PROPERTY APPRAISER

1.	Current year taxable value of real property for operating purposes	\$	252,802,855	(1)
2.	Current year taxable value of personal property for operating purposes	\$	16,700,273	(2)
3.	Current year taxable value of centrally assessed property for operating purposes	\$	325,125	(3)
4.	Current year gross taxable value for operating purposes (Line 1 plus Line 2 plus Line 3)	\$	269,828,253	(4)
5.	Current year net new taxable value (Add new construction, additions, rehabilitative improvements increasing assessed value by at least 100%, annexations, and tangible personal property value over 115% of the previous year's value. Subtract deletions.)	\$	1,850,205	(5)
6.	Current year adjusted taxable value (Line 4 minus Line 5)	\$	267,978,048	(6)
7.	Prior year FINAL gross taxable value from prior year applicable Form DR-403 series	\$	265,900,358	(7)
8.	Does the taxing authority include tax/increment financing areas? If yes, enter number of worksheets (DR-420TIF) attached. If none, enter 0	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Number	(8)
9.	Does the taxing authority levy a voted debt service millage or a millage voted for 2 years or less under s. 9(b), Article VII, State Constitution? If yes, enter the number of DR-420DEBT, Certification of Voted Debt Millage forms attached. If none, enter 0	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Number	(9)

SIGN HERE	Property Appraiser Certification	I certify the taxable values above are correct to the best of my knowledge.
	Signature of Property Appraiser:	Date :

SECTION II : COMPLETED BY TAXING AUTHORITY

If this portion of the form is not completed in FULL your taxing authority will be denied TRIM certification and possibly lose its millage levy privilege for the tax year. If any line is not applicable, enter -0-.

10.	Prior year operating millage levy (If prior year millage was adjusted then use adjusted millage from Form DR-422)	4.7000	per \$1,000	(10)
11.	Prior year ad valorem proceeds (Line 7 multiplied by Line 10, divided by 1,000)	\$	1,249,732	(11)
12.	Amount, if any, paid or applied in prior year as a consequence of an obligation measured by a dedicated increment value (Sum of either Lines 6c or Line 7a for all DR-420TIF forms)	\$	0	(12)
13.	Adjusted prior year ad valorem proceeds (Line 11 minus Line 12)	\$	1,249,732	(13)
14.	Dedicated increment value, if any (Sum of either Line 6b or Line 7e for all DR-420TIF forms)	\$	0	(14)
15.	Adjusted current year taxable value (Line 6 minus Line 14)	\$	267,978,048	(15)
16.	Current year rolled-back rate (Line 13 divided by Line 15, multiplied by 1,000)	4.6636	per \$1000	(16)
17.	Current year proposed operating millage rate	5.3000	per \$1000	(17)
18.	Total taxes to be levied at proposed millage rate (Line 17 multiplied by Line 4, divided by 1,000)	\$	1,430,090	(18)

Continued on page 2

19.	TYPE of principal authority (check one)	<input type="checkbox"/> County	<input type="checkbox"/> Independent Special District	(19)				
		<input checked="" type="checkbox"/> Municipality	<input type="checkbox"/> Water Management District					
20.	Applicable taxing authority (check one)	<input checked="" type="checkbox"/> Principal Authority	<input type="checkbox"/> Dependent Special District	(20)				
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23.	Current year aggregate rolled-back rate (Line 22 divided by Line 15, multiplied by 1,000)		per \$1,000	(23)				
24.	Current year aggregate rolled-back taxes (Line 4 multiplied by Line 23, divided by 1,000)		\$	(24)				
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26.	Current year proposed aggregate millage rate (Line 25 divided by Line 4, multiplied by 1,000)		per \$1,000	(26)				
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	Signature of Chief Administrative Officer :			Date :				
	Title :		Contact Name and Contact Title :					
	Mailing Address :		Physical Address :					
	City, State, Zip :		Phone Number :		Fax Number :			

Instructions on page 3



CERTIFICATION OF TAXABLE VALUE

DR-420
R. 5/12
Rule 12D-16.002
Florida Administrative Code
Effective 11/12

Year: 2013	County: Orange
Principal Authority: Edgewood	Taxing Authority: Edgewood

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Property Appraiser Certification		I certify the taxable values above are correct to the best of my knowledge.		
SIGN HERE	Signature of Property Appraiser:	Date:		

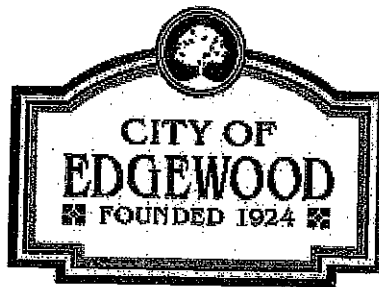
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13.	Adjusted prior year ad valorem proceeds (Line 11 minus Line 12)	\$	1,249,732	(13)
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15.	Adjusted current year taxable value (Line 6 minus Line 14)	\$	267,978,048	(15)
16.	Current year rolled-back rate (Line 13 divided by Line 15, multiplied by 1,000)	4.6636	per \$1000	(16)
17.	Current year proposed operating millage rate	6.7000	per \$1000	(17)
18.	Total taxes to be levied at proposed millage rate (Line 17 multiplied by Line 4, divided by 1,000)	\$	1,807,849	(18)

Continued on page 2

19.	TYPE of principal authority (check one)	<input type="checkbox"/> County	<input type="checkbox"/> Independent Special District	(19)				
		<input checked="" type="checkbox"/> Municipality	<input type="checkbox"/> Water Management District					
20.	Applicable taxing authority (check one)	<input checked="" type="checkbox"/> Principal Authority	<input type="checkbox"/> Dependent Special District	(20)				
		<input type="checkbox"/> MSTU	<input type="checkbox"/> Water Management District Basin					
21.	Is millage levied in more than one county? (check one) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			(21)				
DEPENDENT SPECIAL DISTRICTS AND MSTUS <div style="display: inline-block; border: 2px solid black; padding: 5px; margin: 0 10px;">STOP</div> STOP HERE - SIGN AND SUBMIT								
22.	Enter the total adjusted prior year ad valorem proceeds of the principal authority, all dependent special districts, and MSTUs levying a millage. <i>(The sum of Line 13 from all DR-420 forms)</i>		\$	(22)				
23.	Current year aggregate rolled-back rate <i>(Line 22 divided by Line 15, multiplied by 1,000)</i>		per \$1,000	(23)				
24.	Current year aggregate rolled-back taxes <i>(Line 4 multiplied by Line 23, divided by 1,000)</i>		\$	(24)				
25.	Enter total of all operating ad valorem taxes proposed to be levied by the principal taxing authority, all dependent districts, and MSTUs, if any. <i>(The sum of Line 18 from all DR-420 forms)</i>		\$	(25)				
26.	Current year proposed aggregate millage rate <i>(Line 25 divided by Line 4, multiplied by 1,000)</i>		per \$1,000	(26)				
27.	Current year proposed rate as a percent change of rolled-back rate <i>(Line 26 divided by Line 23, minus 1, multiplied by 100)</i>		%	(27)				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">First public budget hearing</td> <td style="width: 15%;">Date : 09/03/2013</td> <td style="width: 15%;">Time : 6:30 p.m.</td> <td style="width: 50%;">Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809</td> </tr> </table>					First public budget hearing	Date : 09/03/2013	Time : 6:30 p.m.	Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809
First public budget hearing	Date : 09/03/2013	Time : 6:30 p.m.	Place : Edgewood City Hall - Council Chamber 405 Larue Avenue, Edgewood, FL 32809					
SIGN HERE	Taxing Authority Certification		I certify the millages and rates are correct to the best of my knowledge. The millages comply with the provisions of s. 200.065 and the provisions of either s. 200.071 or s. 200.081, F.S.					
	Signature of Chief Administrative Officer :			Date :				
	Title :		Contact Name and Contact Title :					
	Mailing Address :		Physical Address :					
	City, State, Zip :		Phone Number :		Fax Number :			

Instructions on page 3



MEMO

TO: Mayor Bagshaw, Council President Dowless, Council Members Hendrix, Henley, Chotas and Powell

FROM: Bea L. Meeks, City Clerk *B*

RE: Comprehensive Plan Amendment

DATE: July 11, 2013

As you know, workshops were held on October 23, 2012 and December 17, 2012 to review the City's Comprehensive Plan, and to make amendments to the Plan. Jean Abi-Aoun, FEG, and April Fisher, AICP (American Institute of Certified Planners), are the City's consultants preparing the amendment. Council initially reviewed the December 12, 2012 draft of the Comprehensive Plan Amendment; revisions were made in March 2013.

The revisions made to the March 2013 Plan were based on comments from Council. Additionally, Council Member Chotas met with April Fisher to review the amendment. Following the meeting, Council Member Chotas provided April with a marked up copy of the draft for her to make the edits.

The Planning & Zoning Board met on July 8, 2013. After review and consideration of the Plan, their recommendation was to move forward to Council for submittal to the Florida Department of Economic Opportunity (DEO). Additionally, the Planning & Zoning Board requested that the comments provided from residents Tina Demostene and Alissa Torres (AICP designation) be included in the Council agenda packet for Council's consideration. Tina Demostene attended the Planning & Zoning Board meeting and addressed the Board with her comments. It should be noted that Jean Abi-Aoun and April Fisher reviewed their comments, and after meeting with the Mayor and I, it was decided to not insert any of the comments into the draft amendment. The decision was based on the fact that the draft amendment was based on comments from Council, including Council Member Chotas' review with April Fisher. The comments from both Planners are included in your packet, and both Planners have been notified as to the date of the Council meeting.

Please note the process below, as it relates to the transmittal of the Comprehensive Plan Amendment (not all apply to the City), after Council approves transmittal:

Prepare the proposed amendment package to include the following:

1. All proposed text in a strike-through/underline format (or similar easily identifiable format)
2. Staff, local planning agency, and local governing body recommendations
3. Support documents or summaries of the support documents on which the recommendations regarding the proposed plan amendment(s) are based
4. For future land use map amendments, color maps depicting:

The proposed future land use designation of the subject property

The boundary of the subject property and its location in relation to the surrounding street and thoroughfare network

The present future land use map designations of the subject properties and abutting properties

5. An existing land use map depicting:

The existing land use(s) of the subject property and abutting properties

The size of the subject property in acres or fractions thereof

6. A description of availability of and the demand on sanitary sewer, solid waste, drainage, potable water and water supply, traffic circulation, schools (if local government has adopted school concurrency), and recreation, as appropriate
7. Information regarding the consistency of the proposed land use amendments with the future land use element goals, objectives and policies, and those of other affected elements
8. If a local government relies on data and analysis from a previous amendment, a reference to the specific portions of the previously submitted data and analysis on which the local government relies to support the amendment
9. If previous data and analysis is no longer the best available existing data or no longer supports the plan, copies of updated and reanalyzed data and analysis to support the proposed amendment
10. A submittal cover letter transmitting the proposed amendment that includes the following:

The date(s) the local planning agency and the commission held public hearings

A statement certifying that the proposed amendment(s) have been submitted to the appropriate agencies identified above. Certification means that the letter must state that a copy of a complete amendment package including supporting data and analysis has been mailed to these agencies and the date it was mailed

A summary of the plan amendment(s) including that the amendment is being submitted under the expedited state review process

The month the local government anticipates the amendment will be adopted

A statement indicating that the amendment is not applicable to an area of critical state concern

The name, title, address, telephone, fax number, and e-mail of the local contact person

Submitting the Amendment Package

Submit the amendment package as follows:

1. One paper copy and two electronic copies in Portable Document Format (PDF) on a CD ROM to:
 - The State Land Planning Agency
2. One copy to the following:
 - The appropriate Regional Planning Council
 - The appropriate Water Management District
 - The appropriate county (municipal amendments only)
 - The Department of Transportation
 - The Department of Environmental Protection
 - The Department of State
 - The Florida Fish and Wildlife Conservation Commission (county plan amendments only)
 - The Department of Agriculture and Consumer Services (county plan amendments only)
 - The Department of Education (amendments relating to public schools)
3. One copy, if the local government is in the list below*, to the appropriate military installation(s) (for addresses, see List of Military Installations Points of Contact to Receive Comprehensive Plan Amendments and Land Development Regulation Changes)
4. One copy to any other local government or governmental agency that has filed a written request for a copy

*List of Local Governments That Must Send Comprehensive Plan Amendments and Land Development Regulation Changes to Military Installations

Pursuant to F.S. 163.3184(3)b1, the above process must be completed within 10 days after Council's approval.

ORDINANCE NO. 2013-04

AN ORDINANCE EXTENSIVELY AMENDING THE CITY OF EDGEWOOD COMPREHENSIVE PLAN TO IMPLEMENT THE RECOMMENDATIONS OF THE EVALUATION AND APPRAISAL REPORT OF THE CITY OF EDGEWOOD COMPREHENSIVE PLAN; PROVIDING FOR CODIFICATION; PROVIDING FOR CONFLICT AND SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, the City Council of the City of Edgewood adopted the City of Edgewood Comprehensive Plan by Ordinance No. 91-378 on December 17, 1991, pursuant to Chapter 163.3184, Florida Statutes; and

WHEREAS, the City of Edgewood Comprehensive Plan, is the product of an ongoing planning process; and

WHEREAS, pursuant to Florida Statutes, the City of Edgewood Comprehensive Plan shall be amended based on the recommendations contained in the adopted Evaluation and Appraisal Report dated May 15, 2008; and

WHEREAS, pursuant to Florida Statutes, this Evaluation and Appraisal Report-based amendment to the City of Edgewood Comprehensive Plan demonstrates consistency with changes in state statutes and the plans of state and regional agencies; and

WHEREAS, an updated and current City of Edgewood Comprehensive Plan is essential to direct the City's future planning programs; and

WHEREAS, the Local Planning Agency for the City of Edgewood received input and advice from its planners and staff; and

WHEREAS, the City Council of the City of Edgewood deems it necessary to make such revisions to the City of Edgewood Comprehensive Plan, as contained in this Ordinance; and

WHEREAS, all required public notices and public hearings for such amendment to the City of Edgewood Comprehensive Plan have been properly given and held.

NOW, THEREFORE, BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF EDGEWOOD, FLORIDA AS FOLLOWS:

SECTION 1. LEGISLATIVE FINDINGS. The Recitals set forth above are hereby adopted as legislative findings of the City Council of the City of Edgewood.

SECTION 2. COMPREHENSIVE PLAN AMENDMENT TEXT. Attachment "A" attached to this Ordinance is hereby incorporated into the text of this Ordinance as though fully set forth herein verbatim as the Comprehensive Plan Amendments.

SECTION 3. All ordinances or parts of ordinances in conflict with this Ordinance are hereby repealed.

SECTION 4. After the first public hearing, one paper copy hereof and two electronic PDF copies on a CD ROM shall be transmitted to the Department of Economic Opportunity, and a copy shall be submitted to each of: the East Central Florida Regional Planning Council, the St. Johns River Water Management District, the Department of Environmental Protection, the Department of State, the Department of Transportation, Orange County, and any other unit of local government or governmental agency in the State of Florida that has filed a written request with the Clerk of the City of Edgewood, Florida.

SECTION 5. This Ordinance shall become effective 31 days after the Department of Economic Opportunity notifies the City that the Plan Amendment package is complete, or on the date a final order is issued by the Department of Economic Opportunity or Administration Commission finding the amendment in compliance, whichever occurs sooner. No development permits or land uses dependent on this amendment may be issued or commence before it has become effective.

FIRST READING on the ____ day of ____, 2013.

ADOPTED by the City Council of the City of Edgewood, Florida, this ____ day of ____, 2013.

John Dowless, Council President

ATTEST:

Bea Meeks, MMC, CPM
City Clerk

Edgewood Comprehensive Plan Comments

Alissa Barber Torres, PhD, AICP

Disclaimer: These comments are offered by a professional urban planner/transportation planner who is an Edgewood homeowner (5136 Laval Drive in Lake Jessamine Phase 2) and are not given in any official capacity.

In general, it would be a good idea to standard agency references throughout the document (ex. "MPO" and "Orlando Urban Area MPO" to "MetroPlan Orlando," "Orange County School Board" to "Orange County Public Schools") to be better understood by readers. The format of policies could also be standardized (e.g. starting with verbs, not starting with verbs).

With the deletion of the Public Participation Plan for the Comprehensive Plan update, the City now has no Comprehensive Plan policies that address public participation or community involvement in City Comprehensive Plan Amendments, proposed Land Development Code changes, or review of development proposals. This is a concern that should be addressed, particularly in light of Florida Statutes that require this involvement and the efforts made by Orange County (e.g. Public Notification Task Force and community meetings) and neighboring jurisdictions in this area. It is recommended that provisions for public notification, community meetings or other outreach, publication of notices, posting of properties advising of development proposals, and other means of public participation or community involvement be included in the Comprehensive Plan or that a Plan policy state the intent to address in pending land development code amendments.

Policy 1.1.5 Recommend revising the policy to set a defined window (ex. "every 7 years or at the next Evaluation and Appraisal Report, whichever is sooner") for reviews to ensure they actually occur and revising to "responsive to the community's character, changes in the state and federal regulatory environment, and market and business needs."

Policy 1.1.6 Allowing mixed-use within Commercial FLU designations is a good idea, and corridors that meet the standards for eligibility should be identified on the Future Land Use Map. For mixed-use, the allowable residential component of 7 dwelling units per acre (DU/AC) appears very low. Has that proposed standard been "benchmarked" against mixed-use projects in the local market or compared to similar mixed-use designations allowable within the City of Orlando? Also, the policy limits High Density Residential to 16 units per acre, which likely couldn't produce more than townhouses at 12 to 14 units per acre. Consider revising to allow 20 to 25 DU/AC to allow multifamily housing—this would promote housing choice within the City and address a deficit of this type of housing along Orange Avenue south of Michigan Street.

Policy 2.1.1 The policy refers to peak hour levels of service, but the reporting is done in AADT, which is confusing. What is the current reference indicated by the asterisk?

Policy 2.1.2 Pedestrian and bicyclist safety should be added to the design goals of traffic signalization and operational capacity.

Objective 2.2 This objective has only one policy, which should be avoided. In Policy 2.2.1, recommend replacing "cooperate" with "coordinate" and adding "MetroPlan Orlando, the Orange County Community Traffic Safety Team, and other agencies responsible for accident reduction programs and

projects." It is recommended that general support and planning activities for pedestrian and bicyclist safety be added as a new Policy 2.2.2. (ex. by prioritizing new sidewalks and capital improvements that address identified safety issues and/or stating a commitment to locally enforcing Florida's laws ensuring pedestrian and bicycle safety). Also, Edgewood might consider expressing support for Safe Routes to School planning, perhaps as a new Policy 2.2.3, given its proximity to elementary schools. This would be a good place to relocate Policy 2.4.2 (C), based on its focus on programs, rather than capital projects discussed in elsewhere in that policy.

Objective 2.3 Recommend adding "and pedestrian and transit amenities that reduce impacts to the roadway network" to developer obligations. Edgewood's in a largely build-out urban area where widening is cost prohibitive and unlikely, so the plan would benefit from a focus on roadway operational improvements, like turn lanes and signal timing, and pedestrian, bicycle, and transit improvements in transportation and mobility policies throughout the plan.

Policy 2.3.1 Recommend replacing "other local exaction methods" with "mitigation corresponding to impacts" in A. and replacing "roadway" with "transportation" in (C).

Policy 2.4.1 Recommend deleting "where appropriate" from (C) and establishing by policy (and later land development code changes) a program for payment in lieu of providing sidewalks. Recommend rewording (D) to read "adoption by the City of land development code standards requiring the provision of bicycle parking in commercial, office, and multifamily development within the City."

Policy 2.4.2 In this policy, it is confusing who has the responsibility to include these facilities in roadways and to do the prioritization referred to in (B). This could be addressed by identifying the entity or entities or by adding additional detail, such as "on arterial and collector roadways." Recommend relocating Policy 2.4.2 (C) under Objective 2.2.

Policy 2.9.2 Recommend expanding support of LYNX referenced in the policy to include "transit services, including services for the transportation disadvantaged, within the City."

Pages 28-30 Recommend updating the maps to reflect more current products of the MPO's 2030 LRTP (available now) or forthcoming 2040 LRTP, as well as the recently-updated Orange County LRTP and Trails Master Plan.

Policy 3.1.1 The goal of this policy to allow flexibility in housing types is challenged by the low maximum densities elsewhere in the plan.

Policy 3.1.2 Recommend revising to say "maintain and enhance" and adding sidewalks to this policy.

Policy 3.1.3 The intent of this policy to make processes "readily available" is confusing. Does this mean information about the processes or is the focus more like "expediting development review and streamlining development processes to assist in..."

Policy 3.1.9 Recommend adding the entity responsible for this action and the means of doing so. Also, it looks like remaining policies need to be renumbered with the deletion of Policy 3.1.10.

Objective 3.2 Has Edgewood considered adding a foreclosure registry or particular actions to address long-term vacancies from foreclosures?

Policy 4.1.1 The Orange County Board of County Commissioners adopted a new LOS standard for wastewater of 225 gpd on May 14, 2013, which would become effective in late June/early August 2013.

Policy 5.3.1 Recommend adding MetroPlan Orlando to the agencies listed in this policy.

Policy 5.3.2 Recommend revising to "provision of paved access to bus stops, bus shelters, bus pull-out lanes, and other facilities for mass transit users."

Policy 5.9.2 Recommend revising to "Orange County Environmental Protection Division."

Policy 6.1.3 Recommend revision to the LOS threshold to clarify if the LOS acreage is for active recreation, passive recreation, or both and removing the open space reference (in favor of "passive recreation" to avoid confusion with any open space requirements in the land development code relative to private development). Orange County has an adopted LOS of 1.5 acres of publicly owned activity-based parkland and trails and 6.0 acres of publicly owned resource-based park land per 1,000 residents of unincorporated Orange County.

Policy 7.1.1 Edgewood adopted a resolution creating an intergovernmental committee with Orange County with defined membership and that requires periodic meetings, and it may be helpful for this policy to state consistency with that resolution. Also, Orange County Public Schools has executed interlocal agreements relative to the adoption of school concurrency and intergovernmental coordination measures, and it should be researched if Edgewood is a participating agency.

Policy 7.1.4 Orange County establishes "Joint Planning Area Agreements" with municipalities regarding annexation activity.

Policy 8.3.1 Please see previous comments regarding LOS standards.

Objective 8.5 Recommend revising "will" to "shall" to better communicate intent.

Monitoring and Evaluation Procedures Recommend adding "6. Description of the prior year's intergovernmental coordination activities and any policy changes by other agencies that require updates to the City's Comprehensive Plan and/or Land Development Code" and revising outcome to "considering proposed Comprehensive Plan and/or Land Development Code Amendments for the following year."

Tina Demostene, AICP
5106 Leeward Way, Edgewood, FL 32809
(407) 246-1701 • (407) 509-2139

Bea Meeks, City Clerk
City of Edgewood
405 Larue Avenue
Edgewood, FL 32809

RE: City of Edgewood DRAFT Comprehensive Plan (dated March 2013)
Comments provided by Tina Demostene, AICP, Edgewood Resident and Certified Planner

Dear Bea:

Thank you for sending a copy of the Comprehensive Plan and allowing opportunity for City-resident input. Also please send a thank you to Mayor Bagshaw for providing a hardcopy to Alissa, which was later transmitted to me—the hard copy was helpful in my review. My comments are outlined below. I've also created a strike-thru/underline version of Volume I that includes my recommendations—in the event my comments are found to be desirable by staff, the digital version will be easier (and less costly) to manage for your consultants as the work is already done. My comments below are provided based on the policy numbers provided in the strike-thru/underline version of the Draft Comprehensive Plan that is dated March 2013.

Overall Comprehensive Plan Comments:

1. Great job for a short and simple clean-up.
2. Utilize Table of Contents Tool in MS word to allow automatic updates to the page numbering in the table of contents—avoids errors in pages when revisions are made and/or accepted.
3. Fix formatting for wrapping of text so tabs are not mid paragraph. If you don't want to pay the consultants for this administrative type work, I will volunteer to do this for the entire document as it will make for a more-usable document in the future.
4. I recommend leaving out specific internal policy references throughout the entire Comp Plan—if the City changes the numbering on one policy, then staff (or paid consultant) will have to QC the entire document to make sure internal references remain accurate, which is unnecessary busy work and expense for staff and/or consultants. Our City Comp Plan and individual elements are small enough to manage with generic "Element" references; therefore, I recommend that internal references should just reference, as contained herein or consistent with this element for same-element policy references, and/or state the name of the element when referring to policy citations within other elements of the Edgewood Comp Plan.
5. Alissa provided great comments earlier to the City—I agree with 99.9% of her comments and thank her for her dedicated service to the City of Edgewood. I have provided a couple alternatives and a few additions in my recommendations below.

Future Land Use Element (Goal 1)

FLUE Policy 1.1.2

The Policy reference added to this section does not match the policy that is supposed to be referenced (I think this policy is now Policy 4.8.4 (?) as the new Policy 4.11.4 does not exist). For this specific reason, I recommend leaving out specific internal policy references throughout the entire Comp Plan. I recommend that internal references should just reference, as contained herein for same-element references or site element name. For this fix, I recommend revising this policy to simply state...consistent with the Public Facilities Element, or ...consistent with LOS Standards outlined in the Public Facilities

Element. I did not double check all of the other internal Policy cross-references—if the are not removed, then they all need to be double checked.

FLUE Policy 1.1.4

In lieu of totally deleting the "character standards" that were provided in earlier versions of the Comprehensive Plan, consider keeping some more general/generic character standards, examples provided below.

- Providing adequate buffers to reduce the impact of more intense development on existing less intense development,
- Placing conditions or restrictions on development to improve compatibility of a proposed new use,
- Establishing development standards for new development that maintain the overall character of the community, and
- Ensuring architectural design and site planning efforts produce development that is compatible and attractive to surrounding uses.

FLUE Policy 1.1.5

- As we are a small city with limited budget for Comp Plan updates, I like the generic language ("...periodic review and update...") provided by the consultant, rather than adding specific references to the 7-year Evaluation and Appraisal Report (EAR), as this allows more flexibility if statutes change or City budget prohibits updates, without the City having to amend the plan for consistency, and/or if the City maintains updated Elements, then the City can just submit a letter update in lieu of the full EAR.
- I really like the alternative language provided by Alissa related to changing out the last sentence to read "... responsive to the community's character, changes in state and federal regulatory environment, as well as market and business needs."

FLUE Policy 1.1.6

I agree with Alissa, the City should definitely consider increasing density and intensity in mixed-use district to ensure opportunity for viable mixed use development. The FAR for mixed use should be a minimum of 2.0 and the density for mixed use at least 18 du/acre. At a minimum, the residential density should be equal to the City's High Density Residential (16 du/acre). See recommended changes in text provided below, which also include more standards for mixed use development, which are essential to establishing a stronger baseline for new more intense development. I think the last recommendation (#6, below) on access could be simplified to state no non-residential access on predominantly residential streets, but I was trying not to unnecessarily wordsmith the draft if it got to the same point.

Policy 1.1.6 Development orders shall only be approved consistent with the adopted Future Land Use Map. The Future Land Use Map classifications are defined below:

Commercial: Activities within land areas that are predominantly connected with the sale, rental and distribution of products, or performance of services. Commercial uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum commercial intensity shall be 0.50 F.A.R. (floor area ratio), except as set forth below.

Properties with a Commercial Future Land Use designation that have frontage on a roadway designated as "principal arterial", may have a mixed-use development pattern not exceeding 2.0 F.A.R. for the commercial component and 18 dwelling units per acre. This mixed-use pattern will promote infill and redevelopment, while also promoting a reduction in vehicle trips and promoting mobility.

Properties developing under the mixed-use concept shall incorporate a high level of design and must be implemented through the Planned Development Zoning or through other process established within the land development regulations:

1. Massing and scaled building heights to achieve the desired densities and intensities are encouraged; however, floors over the first may be required to be stepped back to provide massing relief from adjacent properties with a residential designation.
2. All sides of mixed use buildings shall incorporate architectural detail and design elements so that there are no blank walls on the exterior, incorporating a variety of rooflines, windows, and visual relief through changes in building material, as well as horizontal and vertical changes in the building facades.
3. Active uses within mixed-use buildings, including parking areas, recreational facilities, and mechanical equipment shall be appropriately buffered to reduce impact on existing residential uses.
4. Lighting and signage shall be appropriately designed, scaled and shielded to reduce impact on surrounding residential areas.
5. Other compatibility measures and development standards as may be defined through the Planned Development and site plan review process.
6. Any site with a property line adjacent to a street that provides access to a residential neighborhood shall have no curb cuts onto the residential street, so as to minimize impact to the residential neighborhood, unless approved by City Council in a public hearing as part of a Planned Development Zoning or a conditional use process.

FLUE Policy 1.1.7

As the City's limited budget may preclude immediate updates to the LDC, I recommend removing any specific references to timing of completion of LDC updates and keep the reference more generic (see recommended text provided below). This also saves the City from a future Comp Plan Amendment/update to remove the date-certain once the task is complete. I recommend keep it simple and factual.

- Policy 1.1.7** The City's land development regulations shall implement mixed-use development in the Commercial Future Land Use category, including a provision for a "permitted use" development option meeting certain established performance standards and a Planned Development or "conditional use" development option if those performance standards cannot be met.

FLUE Policy 1.1.8

While I agree with adding flexibility for schools to locate and come into the City, sometimes their limited budgets cause cuts in their landscape buffering and/or placement of portables, ballfields, parking areas or other active uses with little or no setbacks, which are common to other similar uses—these minimal development standards are most beneficial to ensuring compatibility and reducing impact on existing residential neighborhoods; therefore, I recommend adding just a tad bit of clarification to this policy and then the we can update the LDC accordingly when we do the update for mixed use.

- Policy 1.1.8** Public and private kindergarten through 12th grade (K-12) schools meeting standards for property size and location consistent with the

Orange County School District standards shall be permitted in all Future Land Use classifications, subject to site plan review that ensures appropriate placement of uses and buffering of vehicle use areas, temporary structures (portables) and active use areas to ensure compatibility with surrounding uses.

FLUE Policy 1.1.9

Add new Future Land Use Element Policy 1.19 and Policy 1.1.10 to address automatic Future Land Use Map (FLUM) designations for annexed properties. Some simple recommendations are provided below. This will save the City time and money (no consultants or staff review) when properties are annexed, as it provides a simple conversion from Orange County FLUM to City FLUM, including alternatives for following the standard state FLUM Amendment process when the FLUM designations don't have correlating designation and/or where the City or the property owner desires a different FLUM designation. These policies have been accepted by the Department of Economic Opportunity in other jurisdictions, but we'll still want to coordinate with Orange County to make sure they won't have any objections to this recommended language. The reality is... if the County FLUM is adequate for the property, then the comparable City FLUM should be equally adequate and have the same or LESS impact than the existing County FLUM with little or no controversy. If you pursue this option, I will gladly help write the justification for it for the transmittal. It will probably be good to add some similar cross reference Policy in the Intergovernmental Coordinate Element as well.

Policy 1.1.9 The City and County will support consistent and compatible land uses for annexed properties and agree that **Table 1.1.9, County-to-City Future Land Use Correlation Table**, below, represents a reasonable correlation between the existing future land use designations in the unincorporated areas of Orange County and the existing future land use designations in the urbanized areas of the City of Edgewood.

Table 1.1.9
County-to-City Future Land Use Correlation Table

Orange County Future Land Use Designation	City of Edgewood Future Land Use Designation
Low Density Residential (LDR)	Low Density Residential (LDR)
Low-Medium Density Residential (LMDR) Medium Density Residential (MDR)	Medium Density Residential (MDR)
High Density Residential (HDR)	High Density Residential (H)
Commercial (C)	Commercial (C)
Parks/Recreation (P/R) Institutional	Institutional (IN)
Waterbody (W)	Lake (L)

Policy 1.1.10 Upon annexation, land annexed into the City will be given an appropriate and compatible land use designation in one of the following ways:

1. If at the time of annexation, the City determines that the existing Orange County Future Land Use Map designation is the most appropriate designation for the property, and will achieve the City's planning objectives for the area, the property will be given a City Future Land Use Map designation as indicated in **Table 1.1.9, County-to-City Future Land Use Correlation Table**.
2. If at the time of annexation the existing Orange County future land use designation is not included in **Table 1.1.9**, the property, the property will be given a City future land use designation in accordance with the land use plan amendment process as defined in Florida Statutes, as well as City and County codes and policies.
3. If at the time of annexation, the City or the Property Owner determines that the existing Orange County Future Land Use Map designation is not the most appropriate designation for the property, the property will be given a City land use designation in accordance with the land use plan amendment process as defined in Florida Statutes, as well as City and County codes and policies.

FLUE Policy 1.3.4 – add missing word that was lost in the tabs/formatting.

Policy 1.3.4 Developers shall assess their needs for essential services (electricity, gas, etc.) and seek confirmation of future availability from appropriate utility suppliers. Confirmation should be provided by the utility providers during the planning stages of development, before the issuance of a development order.

FLUE Policy 1.3.5

So... I know the City Clerk is amazing and does EVERYTHING, but... does the Comp Plan really need to make additional assignments specifically to the City Clerk or should this just reference ... *The City will coordinate...*(let's all be responsible—even if we know Bea will have to do it all anyway--haha).

FLUE Objective 1.4

Statute references are changing daily. I recommend removing specific references to Chapter 380 and the Governor, and simply state... pursuant to Florida Statutes.

Future Land Use Map – adding a few more street names to the map will make the map a bit more user friendly to the average resident (non-planner/engineer).

We should reach out to Orange County and/or the RPC to see if they will help us maintain our FLUM Map Layer—they have to update their map when we do annexations, with proper coordination we could all benefit from consolidated accurate maps.

Transportation Element (Goal 2)

- I support all of Alissa's recommendations –her comments are right on target! Thank you Alissa!
- For this Element, I would continue to remove specific references to Sections within Florida Statutes and reference only the overall chapter number or even generically just Florida Statutes.
- And continue to remove internal policy citations, referring only to the Element rather than the specific policy.

Housing Element (Goal 3)

- I support all of Alissa's recommendations –her comments are right on target!
- Policy 3.1.9 – if no specific resource or entity is readily identifiable, leave this policy as written or consider adding reference to coordinate with County service provider(s).
- For this Element, I would continue to remove specific references to Sections within Florida Statutes and reference only the overall chapter number or even generically just Florida Statutes or Florida Administrative Code.
- And continue to remove internal policy citations, referring only to the Element rather than the specific policy.

Public Facilities Element (Goal 4)

- I support Alissa's recommendations –her comments are right on target!
- For this Element, I would continue to remove specific references to Sections within Florida Statutes and reference only the overall chapter number or even generically just Florida Statutes.
- And continue to remove internal policy citations, referring only to the Element rather than the specific policy.

Conservation Element (Goal 5)

- I support Alissa's recommendations –her comments are right on target!
- For this Element, I would continue to remove specific references to Sections within Florida Statutes and reference only the overall chapter number or even generically just Florida Statutes.
- And continue to remove internal policy citations, referring only to the Element rather than the specific policy. (See Policy 5.1.2 and others)
- If FDEP or FGGWFC acronyms are used, make sure that the full department name is included in this same earlier in this Chapter/Goal. (FDEP full text seems to be deleted from Objective 5.1, but used elsewhere in the Element. Also see Policy 5.4.2).
- If possible, remove reference to specific state agencies or bureaus within departments, as agency names continually evolve; consider or add reference to "assigned state regulatory agency" or state the agency name and add or other assigned state regulatory agency.
- If possible, remove reference to specific state programs, as programs and agencies continually change and/or evolve; Consider adding reference to XX Program or other state water conservation program.
- Policy 5.3.3 remove reference to "Tri-County Transit Authority"... reference LYNX?
- Policy 5.5.1 – double check acronym references to agencies listing species—thought these were consolidated or simplified into one area within the State (?).
- Consider adding policy supporting and/or facilitating support for water quality improvements made by the [County's] Lake Conway Water and Navigation Control District (Water Advisory Board), which is a valuable local resource for our area lakes.

Recreation & Open Space Element (Goal 6)

- I support Alissa's recommendations –her comments are right on target!
- If we are going to use the County's parks and their LOS, then we should use their LOS definitions for types of parks that are counted to achieve that LOS. (or make our text specific and only count the parks that meet the definition that the City decides upon).
- The recreation analysis in the Data and Analysis (D&A) references *"There are, however, several significantly large recreational facilities outside of Edgewood yet still within Edgewood's recreational district and within easy reach of its residents."* This might be more accurate if it references parks within an X mile radius or driving distance from the City rather than all County parks? If we are not counting private parks in our LOS, then they should be deleted from the D&A. If we do not have an LOS for boat ramps or "special facilities", then they can be removed from the analysis or update citations to better reference their "added" value even if they don't count toward LOS. If keeping them, then the Ferncreek Boat Ramp is a public boat ramp and equally as close as the Randolph Boat Ramp. Additionally, the park D&A does not seem to include all of the parks within close distance to the City, nor do the acreages match the data that I

pulled from the County website (?)—this D&A might need a double check—match the right type of parks and include all of them within the defined distance.

- Continue to remove internal policy citations, referring only to the Element rather than the specific policy.
- Congrats on meeting and deleting the objectives!

Intergovernmental Coordination Element (Goal 7)

- I support Alissa's recommendations –her comments are right on target!
- For this Element, I would continue to remove specific references to Sections within Florida Statutes and reference only the overall chapter number or even generically just Florida Statutes.
- And continue to remove internal policy citations, referring only to the Element rather than the specific policy.
- Modify **Policy 7.1.4** to remove date-specific reference. We cannot guarantee timeline on the study nor do we want to tie our hands to produce it. It may be important to establish goals (with "goaled" timelines) in the staff report and/or the Ordinance, but we absolutely do not need to set deadlines that someone else in Tallahassee can hold over the City. Consider adding... the City will coordinate with the County to prepare... or simply remove time reference as shown below.

Policy 7.1.4 The City will continue to respond to annexation opportunities. Ongoing intergovernmental coordination with Orange County and other jurisdictions will include resolution of annexation issues. The City will submit to formal arbitration to resolve annexation disputes. The City desires to encourage responsible annexations that are compact and contiguous to existing City boundaries that do not burden facility provision or services. ~~Within 18 months from adoption of the 2012 EAR-based amendments, t~~ The City will prepare an analysis and report regarding an interlocal agreement with Orange County in an effort to create a formal annexation agreement.

- Add policy cross referencing annexation FLUM assignments as outlined above.

ICE Policy 7.x.x The City and County will support consistent and compatible land uses for annexed properties and implement future land use map designations for annexed properties consistent with the County-to City Future Land Use Correlation Table in the Future Land Use Element.

- Modify **Policy 7.3.2** to remove consultation task as a to-do for City staff (or expense of Consultant), add alternative that the developer can provide documentation.

POLICY 7.3.2: Prior to approving a building permit or its functional equivalent, the City will consult with or require documentation from the Orange County Utilities and/or OUC to determine whether adequate water supplies will be available to serve the new development prior to issuing a development order or building permit.

Capital Improvements Element (Goal 8)

- I support Alissa's recommendations –her comments are right on target!
- Continue to remove internal policy citations, referring only to the Element rather than the specific policy.
- The Five Year Capital Improvement Schedule should be referenced as an Exhibit or Attachment to the CIE, not part of a continually flowing policy text—It should be on a separate page, that way when annual updates are made the Exhibit can simply be replaced rather than changing out pages within the text of the Element.

MEMORANDUM

TO: CITY OF EDGEWOOD
FROM: FLORIDA ENGINEERING GROUP, INC. (FEG)
SUBJECT: TASK 5 - FINAL DRAFT COMPREHENSIVE PLAN FOR
TRANSMITTAL HEARINGS
DATE: 6/24/2013

Below summarizes the major changes completed in the final draft Comprehensive Plan amendment package, base upon comments received during the City Leadership Workshop #2, written comments from the City Clerk, and discussion and comments from individual Leadership members.

The following new or amended policies are incorporated into the final draft document. Underlined text reflects a new policy or change to existing policies. The consultant has identified the policy area(s) addressed:

Residential/ Commercial Mixed Use on Orange Avenue and, Flexibility with Regulations- incentives to development and redevelopment within City
--

Future Land Use Element- changes to reflect supporting a more flexible mixed-use development concept in the commercial corridor which also promotes infill and redevelopment, a reduction in vehicle trips and encourages mobility.

Policy 1.1.5	<u>The City shall periodically review and update its policies,</u> <u>land use regulations, and other efforts to ensure the City's</u> <u>land use program is responsive to changes in the economic</u> <u>structure, and is adaptable to businesses changing</u> <u>development needs.</u>
--------------	---

Policy 1.1.56	<u>Development orders shall only be approved consistent with</u> <u>the adopted Future Land Use Map. The Future Land Use</u> <u>Map classifications are defined below:</u>
---------------	--

Commercial: Activities within land areas that are predominantly connected with the sale, rental and distribution of products, or performance of services. Commercial uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum

commercial intensity shall be 0.50 F.A.R. (floor area ratio), unless as set forth below.

Properties with a Commercial Future Land Use designation that have frontage on a roadway designated as "principal arterial", may have a mixed-use development pattern not exceeding 1.0 F.A.R. for the commercial component and 7 dwelling units per acre. This mixed-use pattern will promote infill and redevelopment, while also promoting a reduction in vehicle trips and promoting mobility. Properties developing under the mixed-use concept may develop meeting the following design components, implemented through the land development regulations:

1. Massing and scale- building heights shall be permitted by land development regulations; however, floors over the first may be required to be stepped back to provide massing relief from adjacent properties with a residential designation.
2. All buildings must incorporate a design so that there are no blank walls on the exterior, incorporating windows and visual relief.
3. Any site with a property line adjacent to a street that provides access to a residential neighborhood shall have no curb cuts onto that street, so as to minimize impact to the residential neighborhood, unless approved by City Council in a public hearing through a conditional use process.

Policy 1.1.7 Within 18 months of adoption of the Comprehensive Plan update, the City will prepare and process ordinance(s) to amend the land development regulations implementing the new provisions of Policy 1.1.6 regarding mixed-use development in the Commercial Future Land Use category. These implementing ordinances will include a provision for a "permitted use" development option meeting certain established performance standards and a "conditional use" development option if those performance standards cannot be met.

Transportation Element- This Element was updated to be consistent with Orange County's policies regarding Level of Service (LOS). Based on these updates, it reveals that the roads are maintaining a good operating level that can further be maintained through the promotion of flexible development patterns encouraging multi-modal options. These development patterns include those mentioned above- flexibility of mixed-use with moderate increased density to fit the context of the community.

OBJECTIVE 2.1: The City shall adopt roadway facility capacities and level of service standards to ensure the operation of a safe, convenient and efficient ~~traffic-circulation~~ transportation system. The City does not control roadways within the City other than those classified as local roads. Due to this, the City recognizes the authority of FDOT and Orange County over such roads within the City. The City adopts the Metropolitan Planning Organization (MPO) Long-Range Transportation Plan (LRTP) or most current annual update by reference as the City's 20-year roadway improvement program, as related to the City of Edgewood. This plan includes the 10-year Capital Improvement Schedule, a 5-year Capital Improvement Program, state roadway projects, and other needed city/county transportation improvement projects inclusive of proposed partnership projects.

Policy 2.1.1 The City shall maintain for the purpose of issuing building permits and development orders the following generalized peak-hour levels of service (LOS) for each of the following roadway facilities, consistent with the level of service policies of Orange County and the Florida Department of Transportation (FDOT):

Roadway	Functional Classification	Annual Average Daily Traffic Counts (AADT)	Minimum Standard LOS	Current Operating LOS
Orange Ave. (at Holden) (SR 527)	Principal arterial urban	<u>39,500</u>	<u>E</u>	<u>C</u>
Orange Ave. (at one-way pair) (SR 527)	Principal arterial urban	<u>19,000</u>	<u>E</u>	<u>C</u>
Hansel Ave. (SR 527)	Principal arterial urban	<u>22,000</u>	<u>E</u>	<u>B</u>
Gatlin Ave.	Urban collector	<u>8,900</u>	<u>E</u>	<u>C</u>
Holden Ave.	Minor arterial urban	<u>13,600</u>	<u>E</u>	<u>C</u>

Housing Element-

Policy. 3.1.3 The City will ~~post at City Hall~~ Provide information to assist the
~~(3) (c) 1. private sector in the provision of sufficient housing of various~~
~~types, sizes, and costs. make land development regulations~~

and permitting processes readily available to assist in
increasing flexibility of development and redevelopment
within the City.

Public Facilities Element- This Element was amended to provide consistency with the Saint Johns River Water Management District (SJRWMD) and to recognize that there may be instances, due to site constraints, that could make some mitigative allowance outside of the normal site development requirements.

Policy 4.1.1 was updated to provide drainage level of service (LOS) requirements that are consistent with the SJRWMD. The City recognizes that with this alignments, it provides consistent review expectations by the development community, further promoting a good environment for "doing business" in the City.

Policy 4.107.8 The City will adopt, or amend where necessary, ordinances requiring that all development involving the rebuilding, or rehabilitation of existing structures which would expand the existing facility more than 25% of its existing square footage shall include stormwater treatment measures pursuant to this Comprehensive Plan, unless site constraints would limit the ability to comply with the Comprehensive Plan.

Managed Growth- annexation, managing how the City grows effectively

Intergovernmental Coordination Element

Policy 7.1.4 The City will continue to respond to annexation opportunities. Ongoing intergovernmental coordination with Orange County and other jurisdictions will include resolution of annexation issues. The City desires to encourage responsible annexations that are compact and contiguous to existing City boundaries that do not burden facility provision or services. Within 18 months from adoption of the 2012 EAR-based amendments, the City will prepare an analysis and report regarding an interlocal agreement with Orange County to create a formal annexation agreement.

Major Items Removed from the Comprehensive Plan

There are several policies in the Plan that the City discussed regarding removal, due to the policies not being applicable within the City. These include:

1. Creation of a scenic roadway designation program- Objective 2.6, Policy 2.6.1
2. Creation of an historic preservation ordinance and assistance with applications for historical housing designations- Policy 1.2.1, Objective

- 3.5, Policy 3.5.1 and Policy 3.5.2 (Please note that there is language remaining regarding assisting homeowners who seek designation of their own property on state or federal historic registries.)
3. Stormwater Master Plan objectives and policies throughout the document.
 4. Reservation of rights-of-way, and the legality of such- Policy 1.3.2

Other Major Changes to the Comprehensive Plan

Update to the 5-year Capital Improvements Schedule- Please note that capital improvement projects listed in the FY 2012/13 Budget are not identified by in a five-year program, so they have all been listed in the first year of the Capital Improvements Schedule.

Ten-Year Water Facilities Supply Plan (Water Supply Plan)

The Water Supply Plan was prepared within Volume II (Data and Analysis) of the Comprehensive Plan amendment package. The following objectives and policies have been amended or added to the Comprehensive Plan for review in accordance with the Water Supply Plan:

Conservation Element

GOAL 5 Conserve, protect and appropriately manage the natural resources of the City of Edgewood to ensure the highest environmental quality possible, as well as promote water conservation through practicing water conservation strategies.

OBJECTIVE 5.2 The City shall identify key areas to contribute to water conservation and smart use of water resources to ensure capacity can be achieved and quality maintained. The City will use OUC, Orange County, and the SJRWMD as resources in implementing non-facility based water supply and conservation programs.

Policy 5.3.7: The City will encourage water conservation regulations that promote and encourage the use of low impact development techniques such as those that use the Florida Water Star Program.

Policy 5.3.8: The City will also evaluate creating incentive programs that encourage the installation of water-saving plumbing devices, such as indoor water audits and leak detection and will consider adopting regulations that require water-efficient landscaping for all new development projects and require functioning rain sensor devices on automatic irrigation systems, as well as overriding green lawn deed restrictions.

Policy 5.3.9: The City commits to using lower quality sources of water for nonpotable needs when such sources (storm water, surface water, or reclaimed water) become available.

Policy 5.3.10: The City commits to implementing water conservation practices that include: educational programs at schools; observing "Water Conservation Month" through press releases and resolution; promoting water conservation and environmental education newsletters, as well as web-based newsletters; and, enforcement of the Water Management District's 'permanent water conservation rule'.

Intergovernmental Coordination Element

Objective 7.3: The City shall participate in conservation and coordination activities with Orange County, OUC, the Florida Department of Environmental Protection, and the St. Johns River Water Management District in order to provide for coordinated management and use of the water resources.

POLICY 7.3.1: A Future Land Use amendment requires the demonstration of adequate water supplies and demonstrates that associated public facilities are (or will be) available to meet projected growth demands pursuant to state statutes.

POLICY 7.3.2: Prior to approving a building permit or its functional equivalent, the City will consult with the Orange County and OUC to determine whether adequate water supplies will be available to serve the new development no later than the anticipated date of issuance of a certificate of occupancy or its functional equivalent by the City.

POLICY 7.3.3: The City has developed a ten-year water supply work plan that addresses current and projected water needs and sources. The City shall coordinate with all applicable local, state, and federal agencies regarding the work plan. In addition, the City will update the work plan within 18 months of any update to the regional water supply plan.

POLICY 7.3.4: The City will participate in the development of updates to the SJRWMD's water supply assessment and district water supply plan and in other water supply development-related initiatives facilitated by SJRWMD that affect the City.

POLICY 7.3.5: The City will coordinate with the City of Orlando (OUC), Orange County, and other local jurisdictions in OUC's and Orange County's water service area regarding population projections and development projects that affect future water demands to assist in master planning to ensure that current and future water demands can be met.

Map Series

The Future Land Use Map, Existing Land Use, And Existing/Future Transportation Map were prepared utilizing GIS. The best available data for the Soils Series maps have been inserted, which are the latest prepared by the U.S. Department of Agriculture, Soil Conservation Service, for Orange County, Florida.

Future Land Use Map Update

The Future Land Use Map, Existing Land Use, And Existing/Future Transportation Map were prepared utilizing GIS. As part of the creation of these maps, the Consultant evaluated the validity of previous future land use amendments processed, specifically the amendments from Ordinance 2009-04 and Ordinance 2009-10.

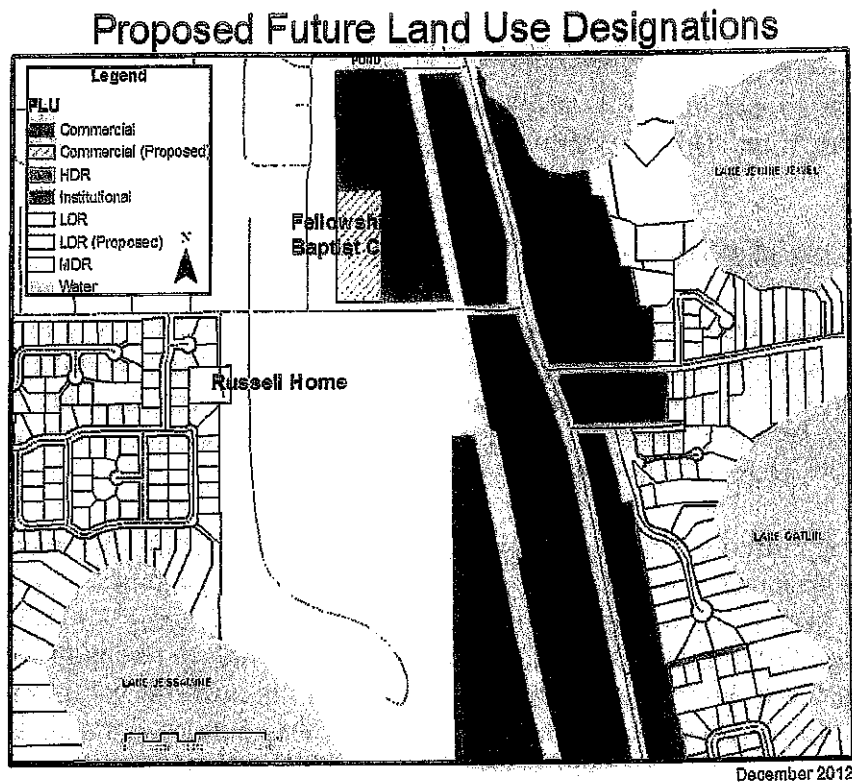
Based on State records and documentation, Ordinance 2009-04 was determined to be invalid by the State, that the City would be required to re-advertise and adopt in a public hearing again. The City did complete this process through Ordinance 2009-10 and resubmit an adoption package to the State. The State determined that it did not need to review the adoption package, therefore upholding the adoption of the City's Future Land Use amendments processed in Ordinance 2009-10. A copy of the State's letter is attached.

It was determined through this analysis process as part of the EAR, that there are two parcels in the City for which there is no record via State documents that a City Future Land Use designation was assigned upon annexation into the City. These two properties are identified as Fellowship Baptist Church (Annexation Ordinance 2002-15) and the Russell Home (Annexation Ordinance 2010-03).

Both of these properties have historically been shown on the City's Future Land Use Map with the same Future Land Use designations of adjacent properties: for Fellowship Baptist Church- Commercial; and for the Russell Home- Low Density Residential.

For the updated Future Land Use Map, these two properties are shown with proposed these same designations proposed as part of the EAR-based amendments. It is anticipated that the Russell Home property will remain as its existing use as a residential living facility and that the Fellowship Baptist Church property will develop as commercial. These uses are consistent with the respective adjacent and abutting parcels.

Please see the map with the detailed area of these two properties below:



Level of Service Updates and Population Projections

Level of Service standards were updated to reflect those of the service provider for consistency.

The Bureau of Economic and Business Research (BEBR) medium population numbers prepared for the 2010 Census and an updated 2012 estimate, just released, were utilized to reflect the current and future housing needs within the City.

Analysis revealed that by the year 2030, an additional 274 housing units will be needed in the City. Please see the table below (excerpted from Volume II) for distribution of the units by year:

Table 3-11
Projected Housing Needs to 2030

*University of Florida Bureau of Economic and Business research, Population Projections; U.S. Census Bureau, 2010 Decennial Census. **University of Florida Bureau of Economic and Business research, Florida Estimates of Population 2012.

*Housing Needs	2012**	2015*	2020*	2025*	2030*
Population	2602	2671	2892	3103	3303
Units Needed	0	11	92	88	83

*24 has been subtracted for each population projection by year to account for population in Non-institutionalized group quarters.

Next Steps

The final draft Comprehensive Plan Amendments package are being provided to the City for review in preparation of the applicable transmittal hearings. The consultant will work with the City regarding scheduling the transmittal hearings.

City of Edgewood Comprehensive Plan

Volume I

Goals, ~~objectives~~Objectives, and Policies

Prepared By:

Edgewood City Council
with technical assistance provided by Florida Engineering Group, Inc.
March, 2013

Prepared By:

Edgewood City Council
with technical assistance provided by the
East Central Florida Regional Planning Council

December, 1991

Comprehensive Plan Goals, ~~objectives~~Objectives, and Policies

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Future Land Use

9J-5.006

Goals, Objectives, Policies

GOAL 1: Ensure a development pattern that recognizes land as a natural resource and promotes its most efficient and effective use ~~in order to provide~~ adequate space for all land use activities.

OBJECTIVE 1.1: Future development and redevelopment activities shall be directed toward areas depicted on the Future Land Use Map, coordinated with the topography, soil conditions and availability of facilities and services, and consistent with the goals, objectives, and policies of the Comprehensive Plan.

Policy 1.1.1 The City's land development regulations shall regulate the use of land based upon and consistent with the development guidelines of the Comprehensive Plan.

Policy 1.1.2 The City shall undertake efforts to amend where necessary the existing ordinance and regulations to bring them into consistency with the adopted Comprehensive Plan and adopted Future Land Use Map Series within one year of ~~plan~~ Plan submittal. At a minimum this will include the following:

1. Subdivision of land within the City; this will be consistent with the land uses included on the Future Land Use Map and the policies of this ~~plan~~ Plan.

2. Signage: and the City will amend the existing regulations where necessary to allow signs that do not pose a distraction to traffic and that blend with the nature of the community.

3. Areas subject to seasonal and periodic flooding; ~~no~~ development will be allowed in the 100-year floodplain must be consistent with Policy 4.11.4.

4. Soils and topography; the City will coordinate future growth with appropriate topography and soil conditions as noted in the ~~plan~~ Plan.

Policy 1.1.3 No development order or permit shall be approved unless the developer obtains letters from the applicable public facility providers

and ~~0065~~ guaranteeing providing reasonable assurance that sufficient public facilities are available concurrent with the impact of development that are consistent with the level of service standards adopted as part of the Comprehensive Plan and identified in the Capital Improvements Element.

Policy 1.1.4 New development shall be reviewed to ensure its compatibility with surrounding existing land uses and with the overall character of the community. This policy shall be accomplished in the following manner:

1. Requiring that an eight-foot wall be built and maintained as a buffer between residential and non-residential uses, including parking lots;

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2. Ensuring that use permits are not granted for any conditional uses that will have off-site impacts on adjacent properties from overflow parking, noise, odor, lighting or vibration;

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3. Requiring that no grading or filling of land be permitted or allowed that causes additional runoff onto adjacent properties;

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4. Ensuring that use permits are not granted for any conditional use that has buildings located proximate to property lines such that they visually impact adjacent properties or that necessitate the removal of trees shared by both properties;

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5. Ensuring that access to and from a property does not cause traffic congestion or other situations that impact access onto adjacent properties;

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6. Ensuring that in all future zoning and land use decisions, a step down in intensity or density of use is maintained so that a transition will occur from non-residential to residential areas.

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Policy 1.1.5 The City shall periodically review and update its policies, land use regulations, and other efforts to ensure the City's land use program is responsive to changes in the economic structure, and is adaptable to businesses changing development needs.

Policy 1.1.66 The following land use definitions will be used Development orders shall only be approved consistent with the adopted Future Land Use Map. The Future Land Use Map classifications are defined below:

~~006(3)(e)7-~~

Commercial: Activities within land areas that are predominantly connected with the sale, rental and distribution of products, or performance of services. Commercial uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum

commercial intensity shall be 0.50 F.A.R. (floor area ratio), unless as set forth below.

Properties with a Commercial Future Land Use designation that have frontage on a roadway designated as "principal arterial", may have a mixed-use development pattern not exceeding 1.0 F.A.R. for the commercial component and 7 dwelling units per acre. This mixed-use pattern will promote infill and redevelopment, while also promoting a reduction in vehicle trips and promoting mobility. Properties developing under the mixed-use concept may develop meeting the following design components, implemented through the land development regulations:

1. Massing and scale- building heights shall be permitted as by land development regulations; however, floors over the first may be required to be stepped back to provide massing relief from adjacent properties with a residential designation.
2. All buildings must incorporate a design so that there are no blank walls on the exterior, incorporating windows and visual relief.
3. Any site with a property line adjacent to a street that provides access to a residential neighborhood shall have no curb cuts onto that street, so as to minimize impact to the residential neighborhood, unless approved by City Council in a public hearing through a conditional use process.

Low Density Residential: Low density residential land uses shall be at a density not exceeding 4 dwelling units per acre.

Medium Density Residential: Medium density residential land uses shall be at a density greater than 4 dwellings units per acre and not exceeding 7 dwelling units per acre.

High Density Residential: High density residential land uses shall be at a density exceeding 7 dwelling units per acre but not greater than 16 units per acre.

Institutional: Activities within land areas that are predominantly connected with government, schools, hospitals, and medically related facilities. Institutional land uses will be at a relatively low to moderate intensity, consistent with existing uses. Maximum institutional intensity will be 0.50 F.A.R. (floor area ratio).

Policy 1.1.7 Within 18 months of adoption of the Comprehensive Plan update, the City will prepare and process ordinance(s) to amend the land development regulations implementing the new provisions of Policy

1.1.6 regarding mixed-use development in the Commercial Future Land Use category. These implementing ordinances will include a provision for a "permitted use" development option meeting certain established performance standards and a "conditional use" development option if those performance standards cannot be met.

Policy 1.1.8 Public and private kindergarten through 12th grade (K-12) schools meeting standards for property size and location consistent with the Orange County School District standards shall be permitted in all Future Land Use classifications.

OBJECTIVE 1.32: Within one year after Plan submittal, ~~A~~ all development activities undertaken in the City will be consistent with and supportive of the Comprehensive Plan's policies for protecting natural and historic resources.

Policy 1.32.1 The City will encourage and provide assistance to citizens who seek to have their historic properties listed on state or federal historic preservation registries. The City shall develop and adopt an historic preservation ordinance, if applicable, to provide appropriate protection for significant historic resources. This ordinance shall include at a minimum the following:

Protection of resources listed on the National Register of Historic Places, the Florida Master Site File, or locally identified resources.

Develop standards for the identification and evaluation of historic resources.

Consider the establishment of a review board responsible for reviewing and evaluating development proposals for their impact upon the City's historic resources.

Establishment of procedures for the review of all development and redevelopment proposals.

Establishment of procedures and criteria for the designation of Historic Districts.

Policy 1.32.2 The City will protect natural resources through the means identified in Objectives 5.1 through 5.7 of the Conservation Element and their related policies.

OBJECTIVE 1.43: Over the course of the planning period (1990 - 2005), the City shall provide for adequate lands to meet the public facility and service needs as identified through the Capital Improvements Element.

Policy 1.43.1

The City shall coordinate with the Florida Department of Transportation and Orange County in defining right-of-way needs for proposed roadway improvements and establish techniques for right-of-way acquisition, and protection and reservation.

Policy 1.4.2

To protect existing and future rights of way from building encroachment, the City shall undertake the following activities:

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- a. Reserve rights of way for planned roadway projects once the road alignment has been established consistent with FDOT requirements and sufficient to accommodate roadway expansion, utility easements and landscaping. What does this mean? You cannot require (from what I last know) r/w reservations unless it is in the 3 year CIP and funded.
- b. Establish setback requirements for building structures, permanent parking areas, utilities and drainage facilities that are consistent with FDOT requirements and adequate for eventual widening of the roadway as well as minimizing potentially adverse impacts from noise, narrow pedestrian walkways, and the close proximity of traffic to habitable structures.
- c. Require dedication of necessary rights of way and easements from a development prior to approval.

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Policy 1.43.3

Public utilities, including but not limited to electric substations, that provide essential service to existing and future land uses authorized by this plan shall be permitted in all land use categories subject to the goals, objectives and policies of this Comprehensive plan and compatibility standards in the land development regulations.

Policy 1.43.4

Developers shall assess their needs for essential services (electricity, gas, etc.) and seek confirmation of future availability from appropriate utility suppliers. Confirmation should be provided by the utility during the planning stages of development, before the issuance of a development order.

Policy 1.43.5

The City clerk-Clerk will coordinate with public utilities that provide essential services and develop guidelines to assure continuity and availability of service.

OBJECTIVE 1.64: Implementation of the Plan's development guidelines will include

~~.006(3)(b)6.~~ coordination with any appropriate resource planning and management plan prepared pursuant to Chapter 380 F.S., and approved by the Governor and Cabinet.

POLICY 1.64.1 The City of Edgewood will continue to coordinate with Orange County and with adjacent jurisdictions when establishing or implementing guidelines for development.

NOTES

~~I.~~ ~~FLU (9J-5.006)~~ Requirements that are not applicable:

~~(3)(b)2.~~ Encourage the redevelopment and renewal of blighted areas;
~~Edgewood does not contain any blighted areas.~~

~~(3)(b)3.~~ Eliminate land uses inconsistent with the comprehensive plan;
~~Edgewood has no uses inconsistent with the comprehensive plan.~~

~~(3)(b)5.~~ Coordinate coastal area population densities with the appropriate local or regional hurricane evacuation plan, when applicable;
~~Edgewood is not a coastal jurisdiction.~~

~~(3)(b)7.~~ Discourage the proliferation of urban sprawl; Edgewood is a 79.3% developed community that is completely surrounded by existing urban land uses in unincorporated Orange County and neighboring jurisdictions of Orlando and Belle Isle.

~~(3)(b)9.~~ Incorporation of flexible and innovative land development practices;
~~Edgewood will continue current land development procedures.~~

~~(3)(c)6.~~ Provision of potable water, wellfields, and environmentally sensitive land; Edgewood has no wellfields or environmentally sensitive land, and receives potable water from the Orlando Utilities Commission.

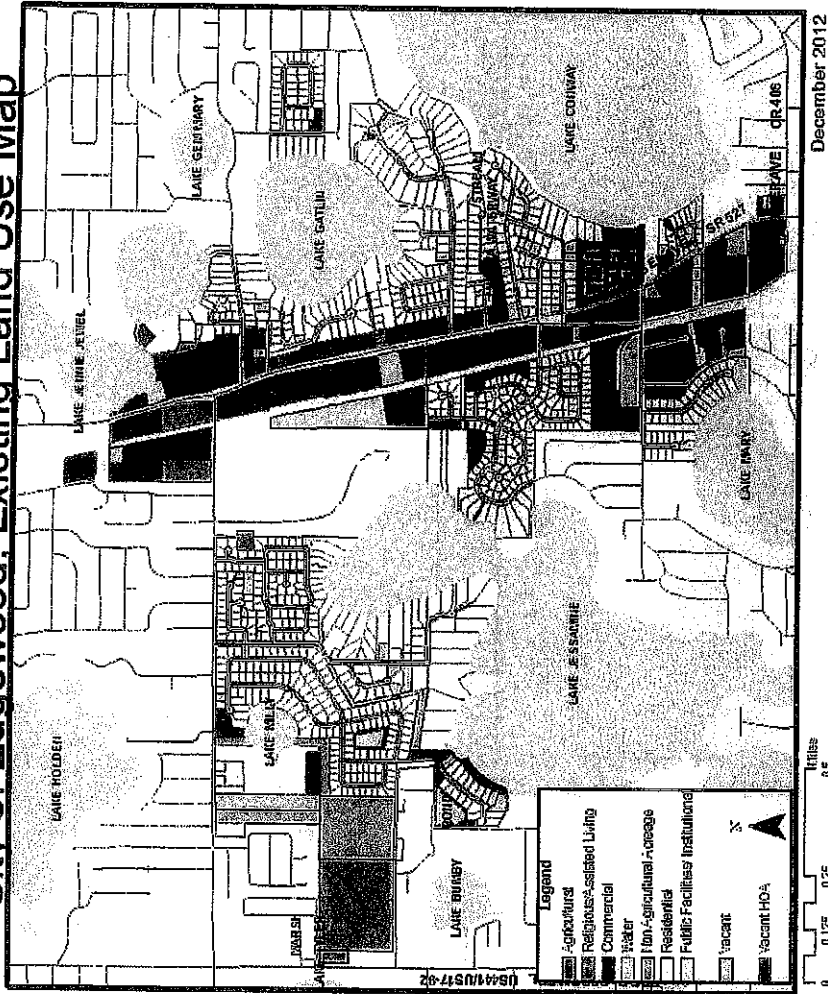
~~II.~~ FLU requirements located in other plan elements:

~~.006(3)(c)4.~~ Provision for drainage and stormwater management, open space, safe and convenient on-site traffic flow, considering vehicle parking.

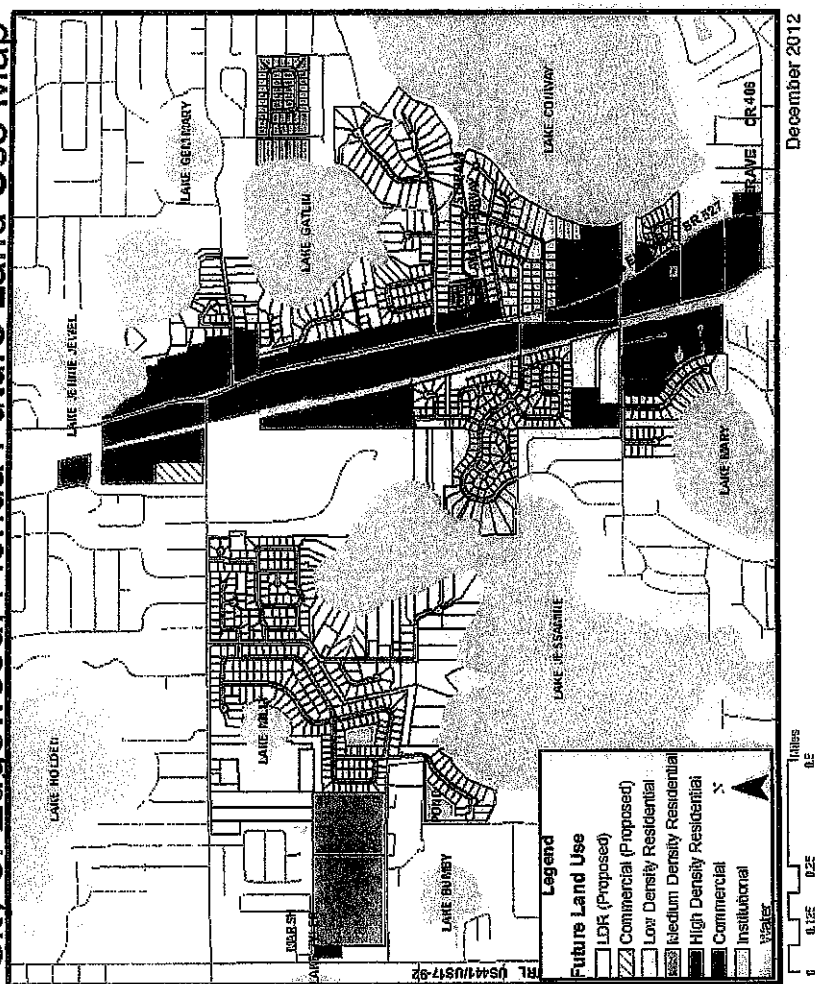
~~See appropriate Elements: Drainage, Recreation and Open Space, Traffic Circulation.~~

Existing Land Use Map

City of Edgewood, Existing Land Use Map



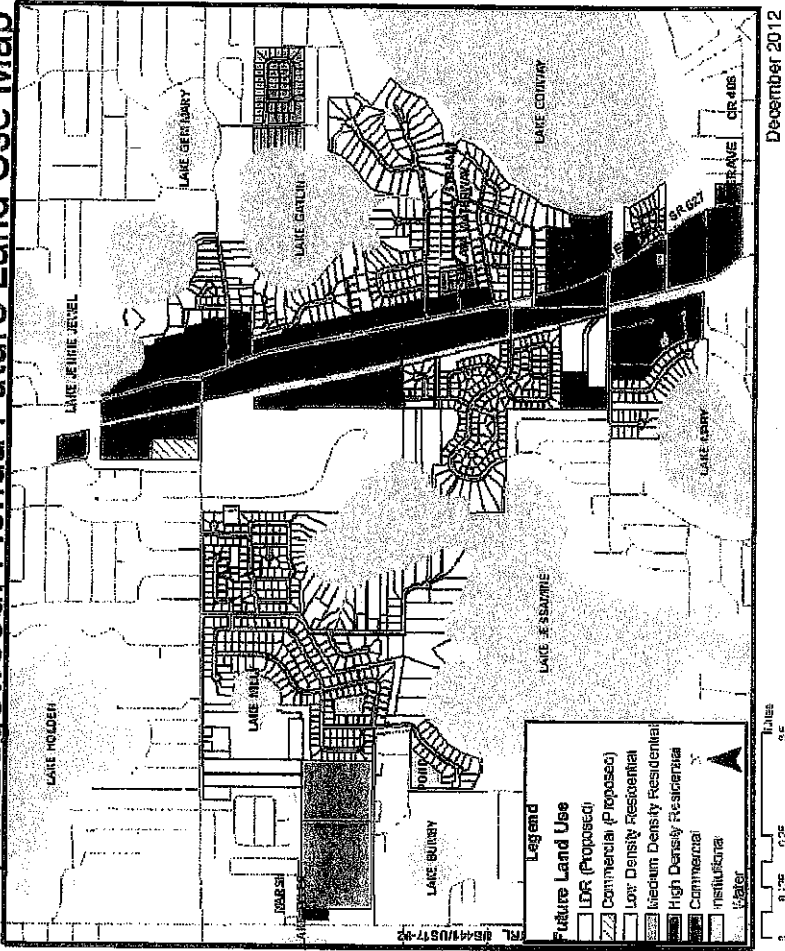
City of Edgewood, Florida Future Land Use Map



December 2012

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City of Edgewood, Florida Future Land Use Map



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| Floodplains Map

STOIL ! LEGEND

It is a trip by riverboat to the city of Florence. In a small boat, it is used for the transport of the most delicate of goods. It is a trip by riverboat to the city of Florence. In a small boat, it is used for the transport of the most delicate of goods.

DATE	NAME	ADDRESS
10/1/54	John W. and Mary E. Smith	1234 Main St., New York, N.Y.
10/2/54	Charles E. Jones	456 Elm St., Chicago, Ill.
10/3/54	Robert L. Brown	789 Oak St., Los Angeles, Calif.
10/4/54	William H. White	1011 Pine St., Philadelphia, Pa.
10/5/54	James K. Black	1212 Cedar St., San Francisco, Calif.
10/6/54	Thomas M. Green	1313 Birch St., Boston, Mass.
10/7/54	Richard N. Gray	1414 Spruce St., Seattle, Wash.
10/8/54	Donald P. Hall	1515 Ash St., Portland, Ore.
10/9/54	Edward R. King	1616 Willow St., Denver, Colo.
10/10/54	George S. Lee	1717 Hickory St., Minneapolis, Minn.
10/11/54	Frank T. Miller	1818 Maple St., St. Paul, Minn.
10/12/54	Harold W. Moore	1919 Elm St., Kansas City, Mo.
10/13/54	Ida M. Reed	2020 Oak St., St. Louis, Mo.
10/14/54	John F. Smith	2121 Pine St., St. Joseph, Mo.
10/15/54	Robert E. Taylor	2222 Cedar St., St. Charles, Mo.
10/16/54	William G. White	2323 Birch St., St. Louis, Mo.
10/17/54	James H. Black	2424 Spruce St., St. Louis, Mo.
10/18/54	Thomas J. Green	2525 Ash St., St. Louis, Mo.
10/19/54	Richard L. Gray	2626 Willow St., St. Louis, Mo.
10/20/54	Donald K. Hall	2727 Hickory St., St. Louis, Mo.
10/21/54	Edward N. King	2828 Maple St., St. Louis, Mo.
10/22/54	George P. Lee	2929 Elm St., St. Louis, Mo.
10/23/54	Frank R. Miller	3030 Oak St., St. Louis, Mo.
10/24/54	Harold S. Moore	3131 Pine St., St. Louis, Mo.
10/25/54	Ida T. Reed	3232 Cedar St., St. Louis, Mo.
10/26/54	John U. Smith	3333 Birch St., St. Louis, Mo.
10/27/54	Robert V. Taylor	3434 Spruce St., St. Louis, Mo.
10/28/54	William W. White	3535 Ash St., St. Louis, Mo.
10/29/54	James X. Black	3636 Willow St., St. Louis, Mo.
10/30/54	Thomas Y. Green	3737 Hickory St., St. Louis, Mo.
10/31/54	Richard Z. Gray	3838 Maple St., St. Louis, Mo.
11/1/54	Donald A. Hall	3939 Elm St., St. Louis, Mo.
11/2/54	Edward B. King	4040 Oak St., St. Louis, Mo.
11/3/54	George C. Lee	4141 Pine St., St. Louis, Mo.
11/4/54	Frank D. Miller	4242 Cedar St., St. Louis, Mo.
11/5/54	Harold E. Moore	4343 Birch St., St. Louis, Mo.
11/6/54	Ida F. Reed	4444 Spruce St., St. Louis, Mo.
11/7/54	John G. Smith	4545 Ash St., St. Louis, Mo.
11/8/54	Robert H. Taylor	4646 Willow St., St. Louis, Mo.
11/9/54	William I. White	4747 Hickory St., St. Louis, Mo.
11/10/54	James J. Black	4848 Maple St., St. Louis, Mo.
11/11/54	Thomas K. Green	4949 Elm St., St. Louis, Mo.
11/12/54	Richard L. Gray	5050 Oak St., St. Louis, Mo.
11/13/54	Donald M. Hall	5151 Pine St., St. Louis, Mo.
11/14/54	Edward N. King	5252 Cedar St., St. Louis, Mo.
11/15/54	George O. Lee	5353 Birch St., St. Louis, Mo.
11/16/54	Frank P. Miller	5454 Spruce St., St. Louis, Mo.
11/17/54	Harold Q. Moore	5555 Ash St., St. Louis, Mo.
11/18/54	Ida R. Reed	5656 Willow St., St. Louis, Mo.
11/19/54	John S. Smith	5757 Hickory St., St. Louis, Mo.
11/20/54	Robert T. Taylor	5858 Maple St., St. Louis, Mo.
11/21/54	William U. White	5959 Elm St., St. Louis, Mo.
11/22/54	James V. Black	6060 Oak St., St. Louis, Mo.
11/23/54	Thomas W. Green	6161 Pine St., St. Louis, Mo.
11/24/54	Richard X. Gray	6262 Cedar St., St. Louis, Mo.
11/25/54	Donald Y. Hall	6363 Birch St., St. Louis, Mo.
11/26/54	Edward Z. King	6464 Spruce St., St. Louis, Mo.
11/27/54	George A. Lee	6565 Ash St., St. Louis, Mo.
11/28/54	Frank B. Miller	6666 Willow St., St. Louis, Mo.
11/29/54	Harold C. Moore	6767 Hickory St., St. Louis, Mo.
11/30/54	Ida D. Reed	6868 Maple St., St. Louis, Mo.
12/1/54	John E. Smith	6969 Elm St., St. Louis, Mo.
12/2/54	Robert F. Taylor	7070 Oak St., St. Louis, Mo.
12/3/54	William G. White	7171 Pine St., St. Louis, Mo.
12/4/54	James H. Black	7272 Cedar St., St. Louis, Mo.
12/5/54	Thomas I. Green	7373 Birch St., St. Louis, Mo.
12/6/54	Richard J. Gray	7474 Spruce St., St. Louis, Mo.
12/7/54	Donald K. Hall	7575 Ash St., St. Louis, Mo.
12/8/54	Edward L. King	7676 Willow St., St. Louis, Mo.
12/9/54	George M. Lee	7777 Hickory St., St. Louis, Mo.
12/10/54	Frank N. Miller	7878 Maple St., St. Louis, Mo.
12/11/54	Harold O. Moore	7979 Elm St., St. Louis, Mo.
12/12/54	Ida P. Reed	8080 Oak St., St. Louis, Mo.
12/13/54	John Q. Smith	8181 Pine St., St. Louis, Mo.
12/14/54	Robert R. Taylor	8282 Cedar St., St. Louis, Mo.
12/15/54	William S. White	8383 Birch St., St. Louis, Mo.
12/16/54	James T. Black	8484 Spruce St., St. Louis, Mo.
12/17/54	Thomas U. Green	8585 Ash St., St. Louis, Mo.
12/18/54	Richard V. Gray	8686 Willow St., St. Louis, Mo.
12/19/54	Donald W. Hall	8787 Hickory St., St. Louis, Mo.
12/20/54	Edward X. King	8888 Maple St., St. Louis, Mo.
12/21/54	George Y. Lee	8989 Elm St., St. Louis, Mo.
12/22/54	Frank Z. Miller	9090 Oak St., St. Louis, Mo.

PERSONAL	ADDITIONAL	NAME
1		Arvidson, John (1930-1982)
2		Arvidson, John (1930-1982)
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49		Arvidson, John (1930-1982)
50		Arvidson, John (1930-1982)

CULTURAL FEATURES


[illegible]

**CONVENTIONAL AND SPECIAL
SYMBOLS LEGEND**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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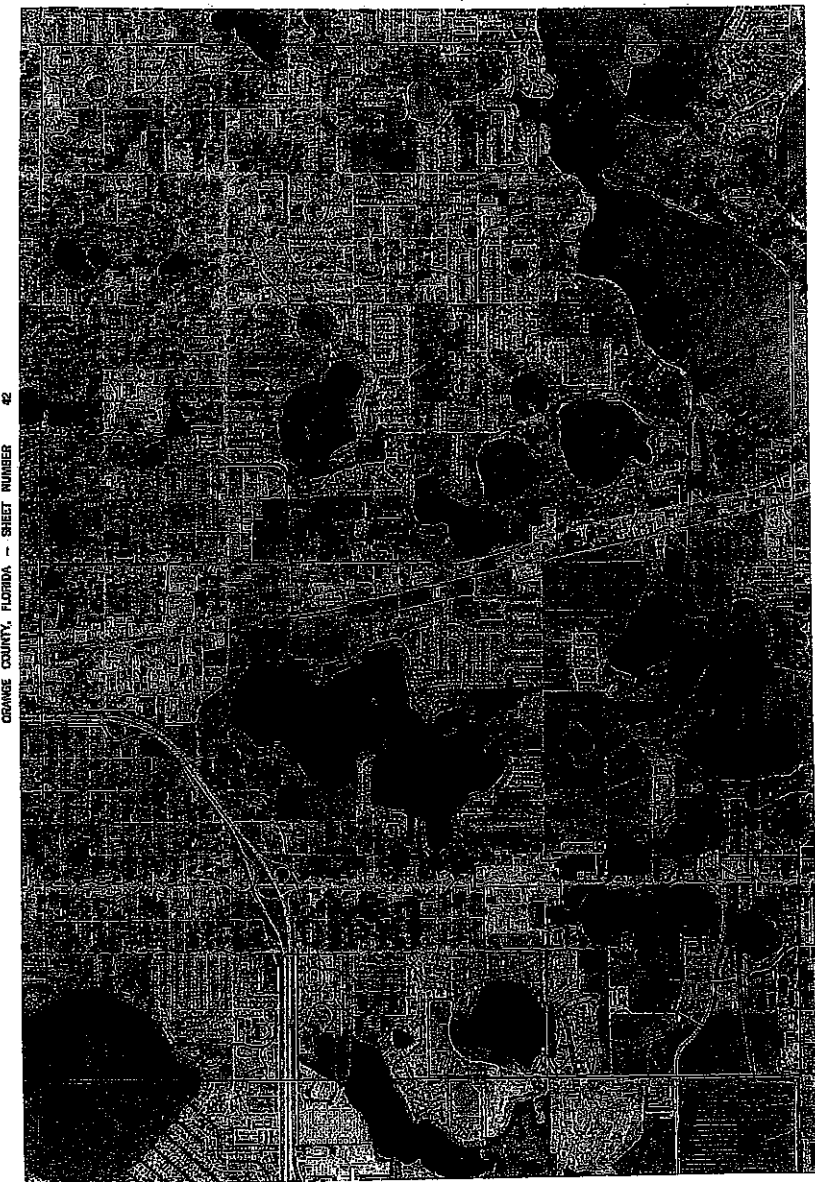
WATER FEATURES

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 DEPARTMENT OF HEALTH AND HUMAN SERVICES
 OFFICE OF THE ASSISTANT SECRETARY FOR
 PUBLIC AFFAIRS
 1015 JEFFERSON AVENUE
 WASHINGTON, D.C. 20004
 (202) 691-5000

ORANGE COUNTY, FLORIDA - SHEET NUMBER 42

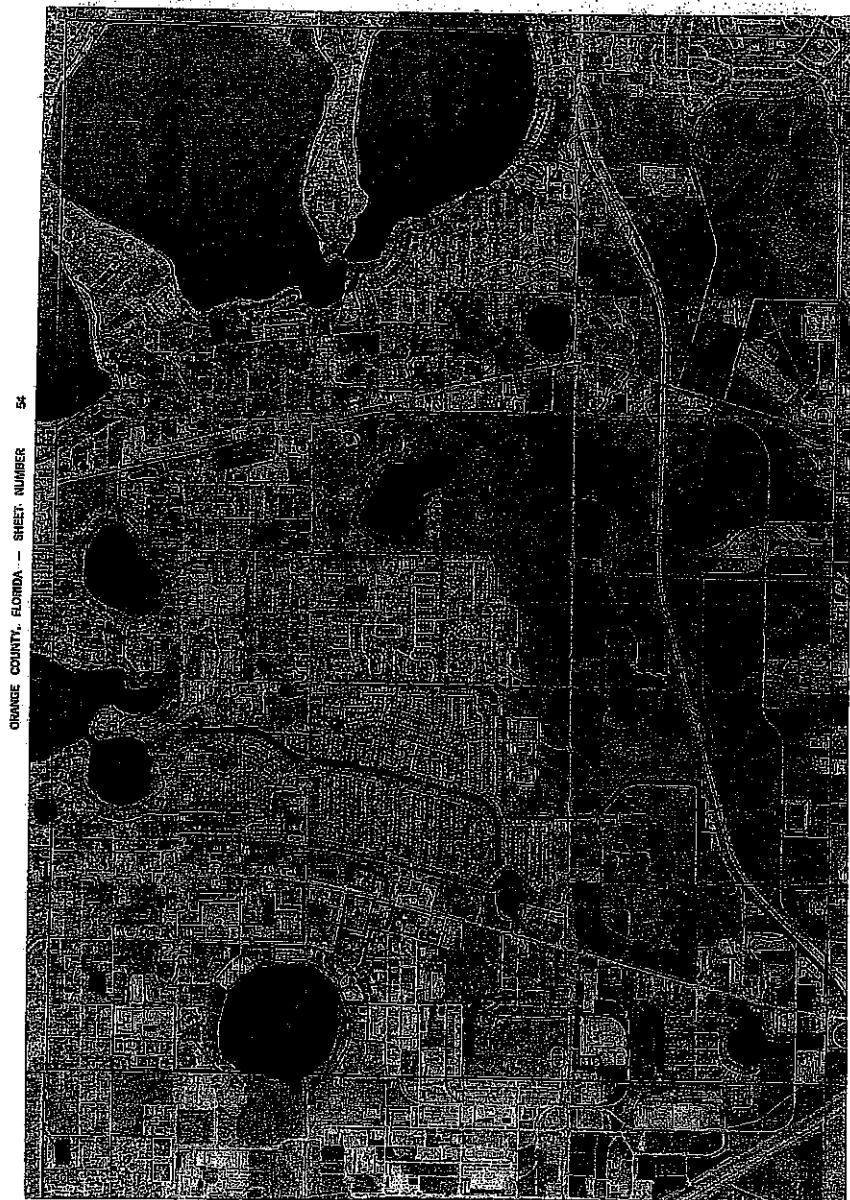


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This is a planimetric map and does not show elevation. It is a reproduction of a map published by the U.S. Department of Agriculture, Soil Conservation Service, and does not show any other features. It is not a topographic map and does not show any other features. It is not a topographic map and does not show any other features.

ORANGE COUNTY, FLORIDA NO. 54

ORANGE COUNTY, FLORIDA - SHEET NUMBER 54



Traffic Circulation Transportation

9J-5.007

Goals, Objectives, Policies

GOAL 2: A safe and efficient transportation system shall be available for all residents and visitors to the City of Edgewood. Edgewood shall coordinate ~~alternative modes of multimodal transportation options to the automobile~~ on a multi-jurisdictional basis.

OBJECTIVE 2.1: ~~007(3)(B)1.~~ The City shall adopt roadway facility capacities and level of service standards to ensure the operation of a safe, convenient and efficient traffic circulation ~~transportation~~ system. ~~The City does not control roadways within the City other than those classified as local roads. Due to this, the City recognizes the authority of FDOT and Orange County over such roads within the City. The City adopts the Metropolitan Planning Organization (MPO) Long-Range Transportation Plan (LRTP) or most current annual update by reference as the City's 20-year roadway improvement program, as related to the City of Edgewood. This Plan includes the 10-year Capital Improvement Schedule, a 5-year Capital Improvement Program, state roadway projects, and other needed city/county transportation improvement projects inclusive of proposed partnership projects.~~

Policy 2.1.1 ~~007(3)(C)1.~~ The City shall maintain for the purpose of issuing building permits and development orders the following minimum ~~generalized peak-hour levels~~ of service (LOS) for each of the following roadway facilities, consistent with the level of service policies of Orange County and the Florida Department of Transportation (FDOT):

Roadway	Functional Classification	Minimum LOS Annual Average Daily Traffic Counts (AADT)	Minimum Standard LOS	Current Operating LOS
Orange	Principal	Current operating	E	C

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Ave. (at Holden) (SR 527)*	arterial urban	level (35,961 ADT) plus 15%39,500		
Orange Ave. (at one-way pair) (SR 527)*	Principal arterial urbanPrincipal arterial	Current operating level (22,996 ADT) plus 15%19,000	E	C
Hansel Ave. (SR 527)*	Principal arterial urbanPrincipal arterial	Current operating level (19,516 ADT) plus 15%22,000	E	B
Gatlin Ave.	Urban collector	LOS E8,900	E	C
Holden Ave.**	Urban collectorMinor arterial urban	Current operating level (14,000 ADT) plus 15%13,600	E	C

*The City will work with FDOT to have these roads designated as backlogged facilities.

**This road is designated as a backlogged facility.

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If the roadway's level of service is below the adopted minimum standard, or if a proposed development would cause the levels of service to fall below the standard, then no new development impacting that roadway shall be permitted unless mitigative measures are undertaken which result in the minimum level of service being maintained.

Levels of Service Defined

LEVEL OF SERVICE: A qualitative measure describing operational conditions within a traffic stream, and their perception by motorists and/or passengers. (see Traffic Element Analysis page 2-4 through 2-5 for additional detail)

LEVEL OF SERVICE A: Free flow of traffic.

LEVEL OF SERVICE B: In the range of stable flow, but the presence of other users in the traffic stream begins to be noticeable.

LEVEL OF SERVICE C: In the range of stable flow, but marks the beginning of the range of flow in which the operation of individual users becomes significantly affected by interactions with others in the traffic stream.

~~LEVEL OF SERVICE D: Represents high density, but stable flow. Speed and freedom to maneuver are severely restricted.~~

~~LEVEL OF SERVICE E: Operational conditions at or near the capacity level. All speeds are reduced to low, but relatively uniform value.~~

~~LEVEL OF SERVICE F: Forced or breakdown flow. The amount of traffic approaching a point exceeds the amount which can traverse the point. Queues and stop-and-go waves are characteristic of LOS F.~~

~~Policy 2.1.2 The City shall maximize the traffic carrying capacity and safety of all (3)(c)2-
roadways within the City by adopting ordinances within one year of plan
submittal or as required by Florida State Statutes, whichever is greater,
that implement the following criteria:~~

- ~~A) The functional classification of each roadway segment being used as a basis for determining the number of access points allowed and types and extent of traffic flow enhancement measures needed to maintain the capacity;~~
- ~~B) The issuance of access and connection permits to the roadway network being limited to the minimum number necessary;~~
- ~~C) Where consistent with City Code requirements, acceleration and deceleration lanes being required at all access points on collectors, minor arterials, major arterials, and expressways;~~
- ~~D) Shared access points being used in order to minimize the necessity of one or more access points to adjacent small businesses;~~
- ~~E) The need for and feasibility of service of frontage roads being constructed along new principal arterials or along reconstructed arterials to increase roadway capacities, and to reduce conflicts between local and through traffic; and~~
- ~~F) Access points to parcels with frontage along two or more roadways being located on the roadway of lower functional classification.~~

~~Policy 2.1.32 Traffic signalization, roadway signage, and operational capacities shall be
(3)(c)3- designed by the following methods to optimize traffic flow and enhance the
levels of service throughout the roadway network on City controlled
streets:~~

- ~~A) Traffic signals being computer-coordinated or fully actuated to effect optimal flow to the maximum extent possible;~~

- B) Roadway signage conforming to the Manual of Uniform Traffic Control Devices (M.U.T.C.D.) and providing a safe, clear indication of roadway design geometrics, traffic hazards, upcoming roadways, and other applicable standards;
- C) Roadway intersection design including adequate storage lanes and turning lanes to facilitate movement through intersections; and
- D) ~~All developers will be required to provide on-site parking to meet 100% of the demand for parking generated by their development.~~

Policy 2.1.43 ~~The City will promote the widening of 527 to six-lane by removing the parking spaces.~~ continue to cooperate with the FDOT and Orange County to ensure optimal transportation flow on SR 527, in compliance with the Metropolitan Planning Organization Long Range Transportation Plan and the FDOT 5-year Plan.

OBJECTIVE 2.2: High accident locations along roadway links and intersections shall be minimized on a continual basis and reported annually.

Policy 2.2.1 ~~Areas with high occurrences of accidents within the City shall be the subject of annual analysis and implementation of remedial improvements by the jurisdiction responsible for that roadway to lessen the propensity for conflicts. The City shall seek to reduce accidents by 5 percent annually at said locations.~~ The City will cooperate with the FDOT and Orange County to implement accident reduction programs.

Policy 2.2.2 ~~An ongoing accident surveillance program should be maintained by the County and State with the assistance of the City.~~

OBJECTIVE 2.3: Development shall bear the full burden of the cost of roadway improvements necessitated by impacts to the roadway network that are caused by traffic generated by that development.

Policy 2.3.1 The principle of equitable cost participation shall be used in the following manner as a guide in development approval decisions, including allocation of costs among private parties benefiting from or creating the need for transportation improvements:

- A) New development being required to pay its fair share as a condition for development approval, based on impact fees, special assessments or other local exaction methods. ~~Ordinances to enact these methods shall be in place by 1991 (if not already in place).~~

- B) Existing unmet needs being identified, to include an assessment of the need and estimated cost of fulfillment. This shall be accomplished on an annual basis.
- C) Existing land uses and activities that benefit from better access being required to participate in the cost of the roadway improvement in the form of user fees or special assessments. New construction located on land improved with better access may be required to pay a pro-rata share of the cost.
- D) Provisions being made in development orders to include the mitigation of adverse impacts on the state highway system.

~~Objective 2.4: By the end of 1991, right-of-way needs shall be formally identified and a priority schedule for acquisition or reservation shall be established. Protection of existing right-of-way from building encroachment shall be assured through ordinances adopted within one year of plan submittal or as required by Florida State Statutes, whichever is greater.~~

~~Policy 2.4.1 Dedication of rights-of-way and easements for required improvements to support required improvements to support development traffic and to maintain adequate levels of service on the roadway network shall be required from private sector developers, in the following manner, through the adopted site approval process and ordinance to be adopted as set forth above:~~

~~Development-related improvements being at the expense of those who benefit to include donation or dedication of right-of-way to the extent legally required;~~

~~The value of the land taken (if the transfer of property is to be compensated by the entity building the roadway) being assessed at a rate which does not consider an inflated value due to the improved or new roadway being present, but is based on the value of the land in its condition and use prior to the roadway improvements.~~

~~Policy 2.4.2 Right-of-way shall be pursued or reserved as far in the future as possible as set in the future as possible as set forth in Objective 2.4 for planned roadway projects identified and approved by Edgewood, so as to minimize excessive costs for land purchases, and so that the locations and widths of these roads can be considered in ongoing transportation system planning and design activities.~~

Policy 2.4.3 Building setbacks shall be maintained at an adequate distance from _____ roadways to allow future widening as determined by the following FDOT _____ standards:

TYPE OF FACILITY	R-O-W WIDTH (FEET)	
	4-lane	6-lane
Urban Arterial	94	128
Suburban Arterial	174	200
Rural Arterial	200	200

_____ The following minimum criteria/procedures shall be adhered to in the _____ implementation of this policy and contained in ordinance form:

Dedication of right-of-way necessary for roadway improvements identified and approved by Edgewood in the MPO Plan or other official recognized long-range plan shall be initiated by the end of 1991.

Setback requirements for building structures from roadways shall be adequate for eventual widening of the roadway as well as the minimization or mitigation of potentially adverse impacts such as noise, narrow pedestrian walkways, and the close proximity of vehicular traffic to habitable structures. The determination of appropriate setback distances should be a coordinative procedure involving input from FDOT and Orange County.

OBJECTIVE 2.54: By the end of 1991, _____ provisions shall be adopted/maintained to _____ ensure safe and (3)(b)1. _____ adequate movement of _____ pedestrians and bicyclists. The City shall _____ seek to lower bicycle and pedestrian accidents by 5% annually. This shall apply to arterial roads only.

Policy 2.54.1 Adequate pedestrian circulation and safety shall be considered as a (3)(c)5. required component of highway system management, with implementation and required construction through traffic analysis and roadway improvements, to include:

- A) Pedestrian movement and safety studies being required by the City to determine high travel patterns and accident areas;
- B) Remedial actions being taken by the City to mitigate safety problems where conditions have been determined to be unacceptable;

- C) Sidewalks being provided, where appropriate, along new and existing roadways in or near residential areas which lead to: a) transit stops; b) school; c) commercial centers; and d) employment centers.
- D) Establishment by the City of ordinances or the provision of bicycle storage areas, as well as shopping and recreational areas, for multi-family residences.

Policy 2.54.2 Bicycle facilities, pedestrian walkways, and associated facilities shall be included as integral components of roadways, with priority of implementation being oriented to the establishment of networks along roadways between residential centers and schools, employment and retail commercial areas, and recreation and other public facilities. The following criteria and procedures shall be followed in the adoption of an ordinance:

- A) Bicycle facilities being considered as components of standard design criteria for new and reconstructed roadway facilities, except for expressways and freeways, in urban areas pursuant to the requirements of s. 335.065, F.S.
- B) Identification and implementation of the relative priorities of need for the construction of bicycle and pedestrian walkway facilities along existing transportation corridors as a means of travel between residential areas, schools, employment and retail centers, recreational areas and other public facilities, with the prioritization being based on:
 - 1. Extent of existing and projected need and use;
 - 2. Existing public safety problems;
 - 3. Available rights-of-way and constraints affecting the acquisition of additional rights-of-way;
 - 4. Financial feasibility and capabilities; and
 - 5. Implementation schedules in adopted bikeway plans.
- C) Bicycle safety classes shall be developed for inclusion in the curriculum of grades K-6 by local safety personnel for periodic presentation as part of other safety programs.

OBJECTIVE 2.6: Provisions for maintaining potential scenic roadways shall be established.

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~~Policy 2.6.1 A scenic roadway designation program shall be established for the purpose of protecting and maintaining the appearance and aesthetics of each scenic roadway when specific criteria are met. Said criteria shall be formulated and adopted by City Council for local roadways by the end of 1991. Number of lane miles shall be reviewed annually.~~

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~~A) The scenic roadway designation program shall include, at a minimum:~~

- ~~1. A procedure for identifying, evaluating and selecting scenic highway segments worthy of protection;~~
- ~~2. Provisions for the establishment of a scenic corridor along each selected roadway segment, including the identification of allowable land uses and development standards intended to preserve the essential character and aesthetics of each designated roadway segment, while guiding the location, form and appearance of a new development within the corridor;~~
- ~~3. The establishment of arbor maintenance requirements sufficient to protect and maintain the vegetation with each corridor;~~
- ~~4. The establishment of maximum allowable speed limits for vehicular traffic;~~
- ~~5. Techniques and procedures for maintaining or reducing the number of vehicular trips on each designated segment, including the planning for alternative modes of transportation to meet traffic circulation objectives and demands;~~
- ~~6. Alternate corridors should be provided when warranted; and~~
- ~~7. Other provisions, such as enhanced signage, information and directional signs, and techniques to help assure adequate levels of public safety on each segment.~~

~~Different minimum levels of service standards and standard roadway widths, rights-of-way and other roadway-related requirements for scenic or historical roadways shall be provided where the value, significance, or maintenance of the character and appearance of such a roadway outweighs the benefits of increasing vehicular capacity or other considerations.~~

OBJECTIVE 2.7: Transportation improvement requirements, if applicable, shall be continually coordinated with other affected governmental entities to

ensure that the most efficient and cost effective course of action is followed. A yearly assessment shall be made to measure the amount of intergovernmental coordination ~~which that~~ has occurred based upon the number of agreements consummated.

Policy 2.7.1: Interlocal solutions to the transportation needs and problems of the city shall be accomplished through the coordination of transportation improvements with local, MPO, regional and state plans. Adherence to this policy requires, at a minimum, that consideration be given to:

- A) Coordinating actions or interlocal agreements between local government entities (including MPOs where applicable) being undertaken for the purposes of:
1. Addressing the transportation impacts of a development project in one jurisdiction on an adjacent jurisdiction. Determination of the extent of impact should be based upon actual traffic loadings contributed by the project;
 2. Coordinating or assisting in the development of the ~~traffic transportation~~ circulation elements of comprehensive plans as required by s.163.3177, F.S.;
 3. Coordinating interagency review procedures; and
 4. Ensuring that transportation planning and programming are continuing and part of the comprehensive planning process in the region.

Policy 2.7.2: The City will discourage urban flight and urban sprawl by precluding major expressways through the City.

OBJECTIVE 2.8: ~~Traffic circulation~~ Transportation planning shall be coordinated with the future land use map of this plan, the Metropolitan Planning Organization (MPO) Long-range Transportation Plan (LRTP), FDOT 5-Year ~~the future land use map of this plan, the Metropolitan Planning Organization (MPO) Long-range Transportation Plan (LRTP), FDOT 5-Year~~ Transportation Plan, and plans of ~~the future land use map of this plan, the Metropolitan Planning Organization (MPO) Long-range Transportation Plan (LRTP), FDOT 5-Year~~ neighboring jurisdictions.

Policy 2.8.1 The City shall review updates to the LRTP and FDOT 5-Year ~~updates to the LRTP and FDOT 5-Year~~ Transportation Plan for consistency with this element ~~updates to the LRTP and FDOT 5-Year~~ subsequent ~~updates to the LRTP and FDOT 5-Year~~ versions of the FDOT 5-Year Transportation Plan.

Policy 2.8.2 The City shall review, for compatibility with this element, the traffic ~~the traffic~~ circulation plans and programs of the unincorporated county and the ~~circulation plans and programs of the unincorporated county and the~~ transportation plans of ~~transportation plans of~~ neighboring municipalities ~~transportation plans of~~ as they are amended in the future.

OBJECTIVE 2.9: Edgewood shall coordinate planning and implementation with all

appropriate jurisdictional entities for different modes of transportation in order to reduce the dependence on automobile travel, achieve acceptable traffic LOS and provide safe, efficient and integrated alternative transportation systems.

Policy 2.9.1 Edgewood shall coordinate with Orange County and all adjacent local governments for the planning, adoption and implementation of bicycle commuter routes as shown on the Existing and Proposed Bikeway System Map.

Policy 2.9.2 Edgewood shall support the adoption of and integrate its transportation planning with improvements to the High Occupancy Vehicle (HOV) services provided by Tri-County Transit LYNX.

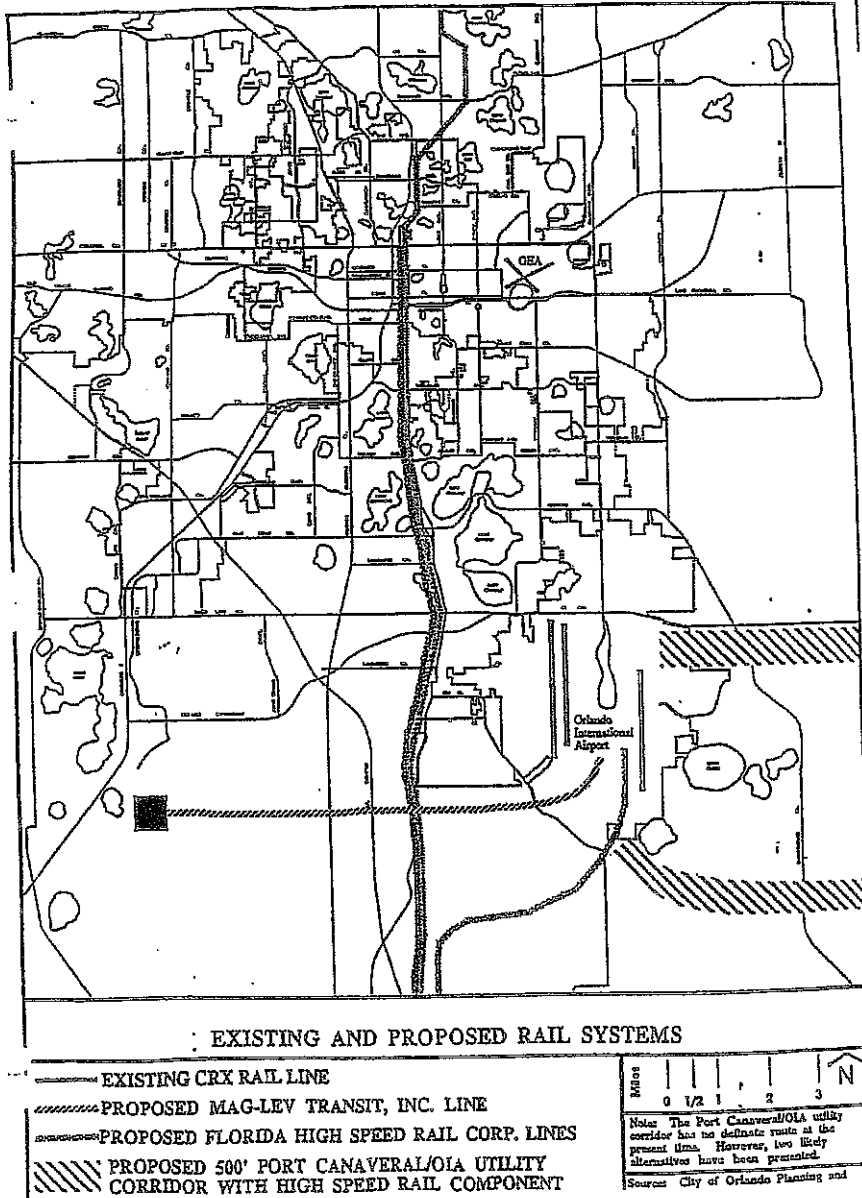
Policy 2.9.3 In order to provide an efficient and cost-effective alternative mode of transportation, Edgewood shall support a light rail system for commuter travel in an exclusive transit corridor.

Policy 2.9.4 In coordination with other jurisdictions, Edgewood shall support the move of all freight traffic on the CSX rail line to east of the metropolitan area no later than the year 2000 [antiquated policy]

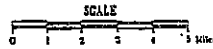
Policy 2.9.54 Edgewood shall support the SunRail Interlocal Agreement by and among FDOT, Orange County, Osceola County, Seminole County, and Volusia County; and the applicable cities that entered into the same, functions of, and increasing funding for, the Central Florida Commuter Rail Authority or any other transit agency serving Orange County, for the purpose of bringing commuter rail/mass transit service to an exclusive transit corridor.

Policy 2.9.65 Edgewood establishes an exclusive mass transit corridor running through the City west of, but parallel to and including, the existing CSX rail line right-of-way.

Policy 2.9.76 Edgewood shall preserve and protect the exclusive transit corridor in order to support and encourage the provision of alternative transportation modes to automobile travel and to enhance the quality of life of its citizens.

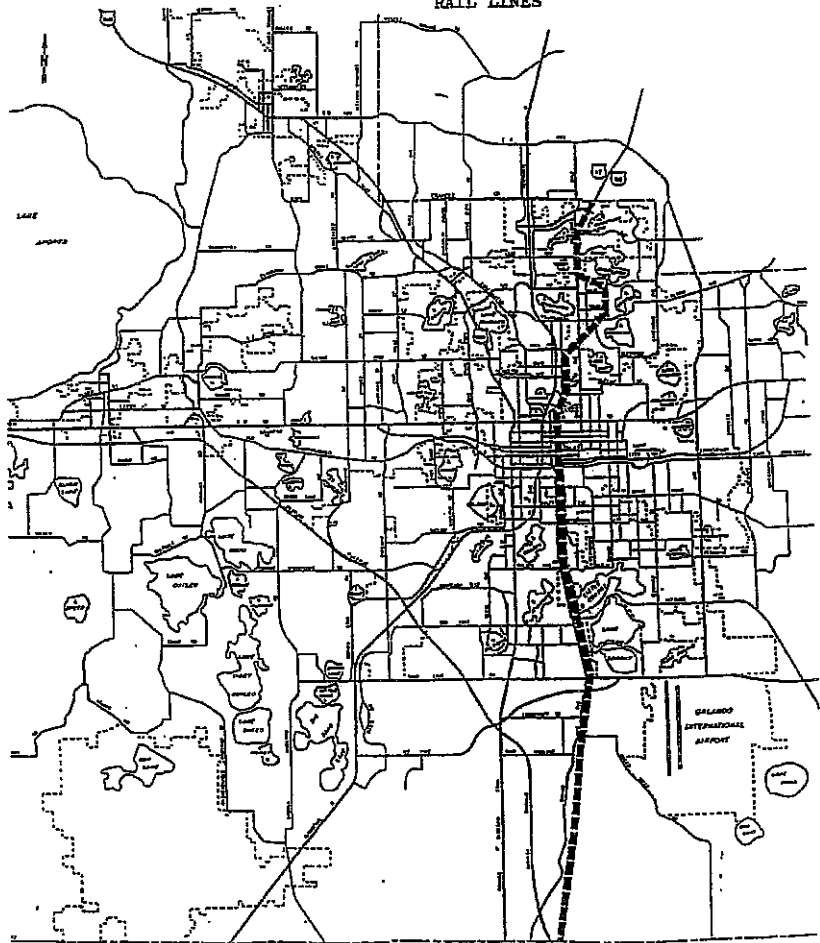


1989 EXISTING COMMUTER
RAIL LINES



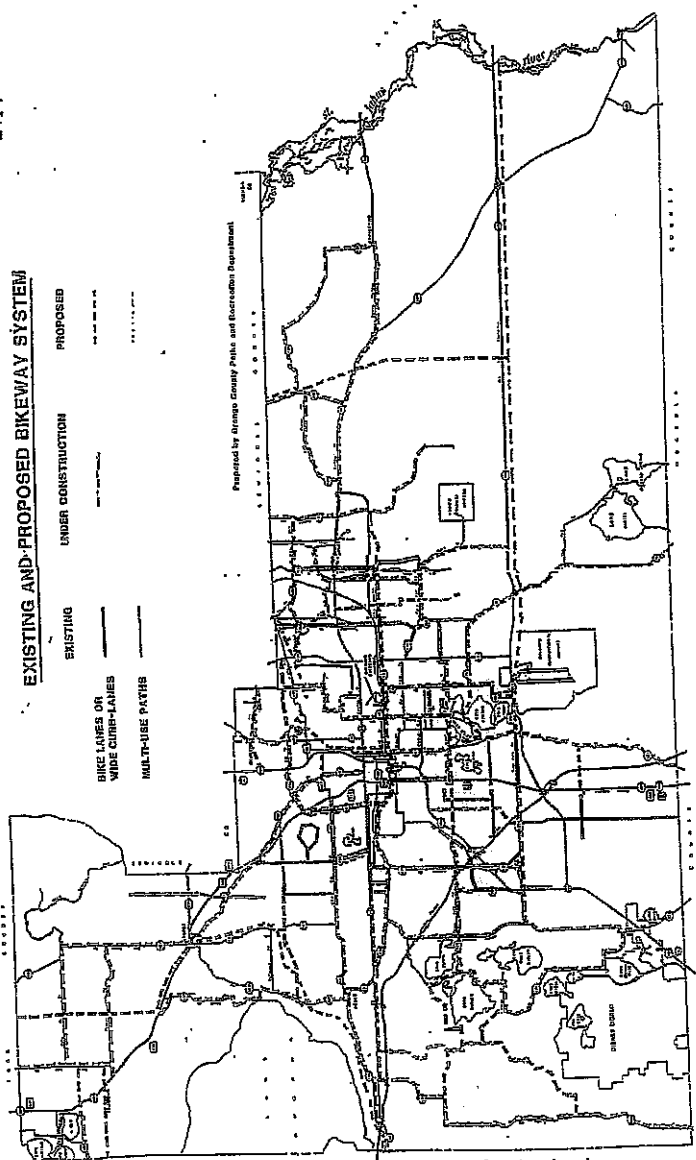
LEGEND

1989 EXISTING COMMUTER
RAIL LINES





ORANGE COUNTY BICYCLE PLAN 1991-1996



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| ~~Future Traffic Circulation 2000 Map~~

| Future Traffic Circulation 2005 Map

Housing

9J-5.010

Goals, Objectives, Policies

GOAL 3: To encourage the provision of quality housing that is available and affordable to current and future residents of the City.

OBJECTIVE 3.1: The City shall assist the private sector to provide approximately 180 adequate and affordable housing units of various types, sizes, and costs in Edgewood for the existing and future population. Continue to make provision of housing for all current and anticipated future residents of the jurisdiction. This will be accomplished through the implementation of land development regulations, code requirements, and housing programs involving public and private sector entities.

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Policy 3.1.1 Establish or maintain future land use designations and zoning classifications that allow for flexibility in land use design and housing types.

Policy 3.1.2 Maintain the quality of existing neighborhoods by upgrading the supporting infrastructure and facilities where feasible and necessary, including: paved public road access; stormwater flood protection; solid waste collection service; and electric utility service.

Policy 3.1.3 The City will post at City Hall Provide information to assist the private sector in the provision of sufficient housing of various types, sizes, and costs. Make land development regulations and permitting processes readily available to assist in increasing flexibility of development and redevelopment within the City.

Policy 3.1.4 Ensure the quality of future housing and maintain the quality of existing housing by strictly enforcing the adopted building codes and by maintaining an active and qualified Code Enforcement Department.

Policy 3.1.5 The Chapter 13 of the Southern Standard Florida Building Code: Florida Energy Efficiency shall also be enforced, with regard to housing construction and maintenance, and maintained through adoption of subsequent revisions.

Policy 3.1.6 Codes requiring landscaping and maintenance of external grounds shall be added to the building codes in order to maintain the quality of housing units and neighborhoods.

Policy 3.1.7 The City will review and revise its LDRs to ensure that the use of energy efficient materials and techniques and other advanced construction techniques is allowed in the construction of housing.

Policy 3.1.8 The City will review and revise its Land Development Regulations by 1991 to reduce the cost of new construction for developments which target low and moderate income housing needs. These revisions of the code shall maintain suitable standards to protect the health, safety, and welfare of the City's residents. Revisions to the LDRs and development regulations will include streamlining of regulations and procedures, when applicable, to maintain regulations and standards to protect the health, safety, and welfare of the City's residents. Under the streamlined procedures, the City would require that facility commitments be submitted concurrent with permit applications. Commitments would be required from the following service providers:

Potable Water: Orlando Utilities Commission

Wastewater: Orange County

Solid Waste : Orange County and applicable company provide solid waste services to the City

Transportation: Orange County/FDOT

Policy 3.1.9 Make information available to among the elderly and low-income families regarding the various programs available to assist them in locating suitable affordable housing.

Policy 3.1.10 By the end of 1993, the City will conduct research regarding federal, state and local subsidy programs which could be considered as funding sources to provide housing for the private and non-profit sectors to obtain in order to promote affordable housing opportunities.

Policy 3.1.11 The City of Edgewood will work with United Way or other public or private agencies involved in the provision of affordable housing to inform the public of programs that exist in Edgewood through these agencies.

Policy 3.1.12 The City shall continue to encourage members of the home building profession, financial institutions, real estate firms and community

organizations to adopt coordinated affirmative marketing plans that comply with the Federal Fair Housing requirements. Information will be available on following federal programs:

~~010(3)(e)7-~~

1. HUD section 221 (d) (2) - Provides home ownership assistance for low- and moderate-income families. HUD insures lenders on mortgage loans to finance the purchase, construction or rehabilitation of low cost, one- to four family housing units. Families displaced by public improvement programs receive special terms.

2. Section 221 (d) (3) - Provides mortgage insurance to non-profit or limited dividend developers for the construction or substantial rehabilitation of multi-family (five or more units) housing developments.

Policy 3.1.13 The City will support regional efforts to address low income and work force housing by working with Orange County to coordinate housing assistance programs.

OBJECTIVE 3.32: Continue to ensure that all housing in Edgewood will be maintained in standard condition, and that housing that is substandard will be rehabilitated or demolished.

~~010(3)(b)2-~~

Policy 3.32.1 If housing units become substandard, the City shall work with the property owner/developer for identify identified those ~~010(3)(e)4-~~ units which should be rehabilitated and those which have to be demolished, to ensure the development process is streamlined. Rehabilitation shall be preferable to demolition wherever economically feasible. Housing units suitable for rehabilitation are those which have significant interior or exterior structural problems, but where the cost of rehabilitation does not exceed the market value of the unit.

Policy 3.32.2 Very low, low, and moderate-income families who have homes which can be rehabilitated shall be informed by the Building Department at the times their homes are inspected of the federal government programs available to offer financial assistance for rehabilitation.

Policy 3.32.3 Maintain an active code enforcement program to ensure that housing is kept in standard condition .

~~010(3)(e)4-~~

OBJECTIVE 3.43: Provide sufficient adequately zoned sites for low and moderate ~~010(3)(b)3-~~ income housing, group homes, foster care facilities and manufactured homes, consistent with state law.

and 4.

Policy 3.43.1 The City will revise the zoning code to allow group homes facilities of six or fewer residents in all residential neighborhoods. Group homes of more than six residents will be allowed consistent with Ch. 419, F.S. consistent with Section 393.063(17), Florida Statutes, or its successor provisions.

Policy 3.4.2 By 1991, the City will include in the development regulations site criteria for the location of housing for very low, low, and moderate income families, manufactured homes, group homes and foster care facilities which will be consistent with Ch. 419, F.S. and which take into account the following:

- a) accessibility to services such as health related recreation and shopping;
- b) accessibility to employment; and
- c) accessibility to transportation.

Policy 3.43.3 Manufactured homes will be allowed in the City consistent with Ch. 320 and Ch. 553, F.S.

Policy 3.4.4 The City will adopt a density bonus program that would allow a twenty percent increase in density in the low density residential category. This increase would be allowed provided that twenty percent of the housing units be made affordable to moderate income households as defined in this element. A guarantee of continued affordability would be required for rental units.

OBJECTIVE 3.54: Provide uniform and equitable treatment consistent with Sec. 421.55 F.S. for persons displaced by state and local government programs.

Policy 3.54.1 Assure that reasonably located, standard housing at affordable costs is available to persons displaced through public action prior to their displacement.

OBJECTIVE 3.65: Promote Historically significant housing will to be preserved and protected, encouraging the preservation of and neighborhood quality will be preserved.

Policy 3.65.1 The City will assist in the submittal of applications for the housing units which have been designated as part of a locally significant historic district to be included on the Florida Master Site File, by providing information regarding submittal to the owners of these properties.

Policy 3.65.2 Assist owners of historically significant housing to apply for and utilize
~~.040(3)(c)3.~~ state and federal assistance programs.

Extrajurisdictional Planning Area Map [this is struck because there is no mention of the map in the Housing Element nor the accompanying data and analysis.]

Public Facilities

9J-5.014

Goals, Objectives, Policies

GOAL 4: Public Facilities In General. Public facilities shall be provided in a manner which protects investments in existing facilities and promotes orderly, compact urban growth, and discourages urban sprawl.

014(2)(a)

Wastewater. The City of Edgewood will continue to receive wastewater treatment service from Orange County to meet existing and projected demands identified in this plan.

Drainage. The design, construction, and maintenance of the stormwater drainage system will protect property from the hazards of flooding, preserve desirable water quality conditions, and, to the maximum extent feasible, preserve the existing natural systems that serve the function of minimizing the need for structural stormwater drainage facilities while improving overall water quality conditions.

Potable Water. Edgewood will continue to receive potable water service from the Orlando Utilities Commission.

Solid Waste. The City will provide solid waste collection service to the residents of Edgewood by contracting with a private company.

OBJECTIVE 4.1: ~~By one year from Plan submission, the~~ The City will continue to ~~implement 014(2)(b)2.~~ procedures to ensure that at the ~~time a development permit is~~ issued, ~~adequate facility capacity is available or will be available~~ when needed to serve the development.

Policy 4.1.1: The following level of service (LOS) standards are hereby adopted, and shall be used as the basis for determining the availability of facility capacity and the demand generated by a development. Methods for determining available capacity and demand should incorporate peak demand coefficients for each facility and each type of proposed development. (same as Capital Improvements Element Policy 9.3.1)

014(2)(c)2

POLICY 4. 1.1
LOS STANDARDS FOR EDGEWOOD PUBLIC FACILITIES
(Comprehensive Plan Elements contain detailed analyses
of levels of service standards)

FACILITY

LOS STANDARD

WASTEWATER TREATMENT
PLANT
Orange County

- (a) 300 gpd per equivalent residential connection

(b) quality of treatment is in compliance with FDER FDEP effluent parameters

DRAINAGE
Edgewood and Orange County

Drainage LOS

- all storms are a 24-hour duration

Facility

Design Storm

Bridges	50 year
Canals, ditches or culverts for drainage external to the development	25 year
Cross drains, storm sewers	10 year
Roadside swales for drainage internal to the development	10 year
Detention/Retention basins	25 year
Retention/Retention basins, (no positive outfall)	100-year meet pre and post development runoff volumes and rates for the 25-year, 96-hour storm event
On-site stormwater management	retention of the first one inch of rainfall runoff for areas greater than 1 acre. Areas less than 1 acre 1/2 inch is required.

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Water Quality: For a dry retention system retain 1 inch of runoff from the contributing basin or 1.25 inches of runoff from impervious areas, whichever is greater, plus half an inch of runoff from the contributing basin. For a wet detention system detain 1 inch of runoff from the contributing basin or 2.5 inches of runoff from the impervious areas, whichever is greater

DRAINAGE can't

Stormwater quantity = post development stormwater runoff
 flow rates, quantities, peaks, and
 velocities shall be equal to or less
 than levels which existed prior to
 development for the ~~24-hour, 25 year~~ 24 hour storm event

Stormwater quality = no degradation of existing water quality
 conditions in receiving waterbodies
 below the minimum conditions
 necessary to ensure the suitability of
 the water for the designated use of its
 classification as established in Ch. 17-
 302, F. A. C.

POTABLE WATER

Orlando Utilities Commission City of Edgewood
 residential 300-325 gallons/dwelling unit/day per equivalent
 (without reclaimed water)
 connection

LOS based on City of Orlando Note: Edgewood does not have
 Comprehensive Plan, (1990~~2009~~) storage facilities for potable
 Potable Water Element. water.

SOLID WASTE

Disposal: Orange County Landfill
 Edgewood Contribution Rate: 6.1-0 lbs per capita per day per person

Collection: Edgewood (franchise) two/week, each
 household

LOS based on Orange County Comprehensive Plan, (2012) Solid Waste level of service.

~~Policy 4.1.2: All improvements for replacement, expansion or increase in capacity of
 .011(2)(c)2 facilities will be reviewed to ensure compatibility with the adopted level of
 service standards for the facilities. [The City is not a facility service provider,
 so this Policy is not applicable.~~

Policy 4.1.32: Public services will be operated so as to be consistent with the ____
 urban .011(2)(c)2 growth policies of the Future Land Use ____
 Element of this plan and the 10-year water supply facilities work ____
 plan. Provision of ____ wastewater, ____

drainage, potable water, and solid waste services will be limited to:

- a) the service areas shown for wastewater and drainage in the support documents of this plan;
- b) contractual agreements with Orange County for solid waste disposal and the Orlando Utilities Commission for potable water service;
- c) and to areas where the City has legal commitments to provide facilities and services as of the adoption of this plan.

~~Policy 4.1.4: The City will request an annual summary of proportional use data from Orange County (solid waste at the landfill) and the Orlando Utilities Commission (potable water service).~~

OBJECTIVE 4.2: Through the annual review process of the Capital Improvements Element as outlined in Policies 8.1.3, 8.1.4, 8.1.5 and 8.2.2, the City will ensure that the provision of public facilities will be consistent with the land uses described in the Future Land Use Element and the five-year schedule of capital improvements contained in the Capital Improvements Element.

~~Policy 4.2.1: The criteria for evaluating capital improvement projects will be applied to public facility projects in order to discourage urban sprawl and maximizing the use of existing facilities consistent with Policies 8.1.4 and 8.1.5.~~

~~Policy 4.2.2: The City will maintain a five-year schedule of capital improvements to include public facility projects the City is responsible for; the schedule will be updated annually, consistent with Policy 8.6.1. (see: Capital Improvements Element Goals, Objectives, Policies).~~

OBJECTIVE 4.3: Projects to expand public facilities to meet future needs, as identified in the Capital Improvements Element, will be coordinated with the Future Land Use Element, the Capital Improvements Element, and other governmental jurisdictions as appropriate.

~~Policy 4.3.1~~ Projects designated as meeting future needs will be assigned to the Capital Improvements Schedule when the following criteria are demonstrated: 1) consistency with the Future Land Use Element and the growth management strategies of the Plan and, 2) fiscal resources are available.

Wastewater

OBJECTIVE 4.4: Capacity - The City will continue to coordinate with Orange County to maintain sufficient design capacity to meet existing and projected flow rates for the City throughout the planning period.

Policy 4.4.1 Projected flow rates will be updated annually based on best available data are calculated by the facility service provider. The City will cooperate with the service provider to update calculations as needed based on population and land use changes.

Policy 4.4.2 Expansion of the design capacity of the Wastewater Treatment Plant shall be based on at least the two LOS criteria listed in Policy 4.1.1 and consideration shall be given to multijurisdictional wastewater planning efforts in Orange County.

[The City has no jurisdiction over this matter and is therefore an ineffective, unenforceable policy.]

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Policy 4.4.32 Developers will be required to obtain a letter from Orange County guaranteeing wastewater service before a development order will be issued by the City.

OBJECTIVE 4.75: Development - Throughout the planning period, future development within the incorporated limits of the City will be considered for approval only if it is compatible with the County's wastewater treatment plans.

Policy 4.7.1 Approval of new development will be based, in part, upon an evaluation of the impact of the development on the wastewater treatment system.
[This policy is redundant with Policy 4.4.2.]

Policy 4.75.21 The City will require all new collection lines and lift stations constructed by public and private developers to be constructed according to County standards, and, at the County's option, to be dedicated to the County.

Policy 4.75.32 lift The City will require the total costs (extension of lines, alterations to stations and the cost of plant capacity) for providing new wastewater service to be borne by the specific users of the service system, in coordination and consistent with Orange County planned and funded improvements.

OBJECTIVE 4.86: Intergovernmental Coordination - Throughout the planning period, the City will participate in intergovernmental discussions related to the provision of wastewater service and disposal of treated wastewater effluent within Orange County.

Policy 4.86.1 The City will coordinate with Orange County to encourage support of all of the wastewater objectives and policies relevant to the provision of service in the City.

Drainage

OBJECTIVE 4.107 The City will, based upon the recommendations of ~~011(2)(b)5~~ the Stormwater Master Plan to be completed by January 1993, protect, or improve the quality of surface drainage waters being discharged from existing and future drainage systems in the City so that such discharges do not contribute to the degradation of water quality conditions.

Policy 4.107.1 Stormwater management standards that require stormwater runoff flow ~~011(2)(c)4~~ rates and velocities at or less than levels that existed prior to development will be established and implemented for all new development and redevelopment within the City.

Policy 4.10.2 The retention of the first inch of rainfall runoff will be required for new ~~011(2)(c)4~~ development drainage areas greater than one (1) acre.

Policy 4.10.3 The City will identify various stormwater treatment measures and ~~011(2)(c)4~~ associated "best management practices" such as earthen berms, settling basins, filtration facilities, natural vegetation, oil / grease baffles, skimmers and similar devices intended to improve overall water quality and include them as a component of the City's site design standards and regulations by the end of 1994. All new development will be required to employ these practices.

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Policy 4.107.4 The City's land development regulations, site design standards and other ~~011(2)(c)4~~ pertinent regulatory requirements will be reviewed and amended as necessary for comprehensive coverage of all forms of land development activities within the City and to be in conformance with the various policies of this Comprehensive Plan, and will be used by the City in the review of all project applications for development approval and permitting in the City.

Policy 4.107.5 New points of stormwater discharges into receiving waterbodies will not be ~~011(2)(c)4~~ allowed to occur without the provision of levels of treatment, either onsite or at an off-site facility, which prevent the degradation of the receiving water body below the minimum conditions necessary to ensure the

suitability of the water for the designated use of its classification as established in Ch. 17-302, F.A.C.

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Policy 4.107.6 Each new development will be reviewed by the City for the purpose of evaluating potential impacts of new development on the primary drainage system and the natural drainage features in the vicinity, with review criteria including but not being limited to evaluations of the extent to which:

- a) Project-related land clearing, grading and site construction activities will affect water quality conditions in receiving surface waterbodies;
- b) The project increases stormwater-conveyed pollutant loadings as compared to predevelopment conditions;
- c) Potential impacts are reduced by best management practices for stormwater runoff;
- d) Project development will result in the removal of shoreline or wetland vegetation;
- e) Habitats of rare, threatened or endangered species, or species of special concern will be affected or impacted by project development;
- f) Groundwater table elevations will be affected by project development; and
- g) On-site wetlands are incorporated into the development's surface water management system.

The evaluation's findings will be used to determine whether each project is in conformance with adopted standards, or what modifications or mitigative actions are needed to bring the project into compliance.

Policy 4.107.7 The City will develop a procedure for offering land developers the option of funding off-site stormwater treatment and conveyance facilities as an alternative to meeting on-site stormwater runoff treatment requirements.

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Policy 4.107.8 The City will adopt, or amend where necessary, ordinances requiring that all development involving the rebuilding or rehabilitation of existing structures which would expand the existing facility more than 25% of its existing square footage shall include stormwater treatment measures pursuant to this Comprehensive Plan, unless site constraints would limit the ability to comply with the Comprehensive Plan.

OBJECTIVE 4.118 All surface drainage systems under the City's authority shall receive the operation and maintenance necessary for the effective accomplishment of their intended water management functions.

Policy 4.148.1 Surface water management system components on City owned or operated facilities will be inspected and maintained

on at _____ least an annual basis, based on financial _____ feasibility.

Policy 4.118.2 Drainage needs assessment investigations will be completed _____ conducted by the City.

~~011(2)(c)4~~ for any areas within the City that are in the Stormwater Master Plan as
~~011(2)(c)4~~ experiencing flooding problems, for the purpose of determining the nature and extent of the flooding problems, and the possible actions that will be taken to alleviate the problems. This will be accomplished as part of the _____ Stormwater Master Plan, which will be completed by January 1993.

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Policy 4.118.3 Proposed development plans will be thoroughly reviewed by the City to ~~011(2)(c)4~~ ensure that new development does not adversely _____ impact surrounding _____ properties by altering drainage patterns and water storage capabilities so _____ that increased volumes of water are discharged onto the properties or that _____ surface _____ drainage flows from the properties are not impeded or _____ retarded so as to create or contribute to flooding or diminished land usage, unless such lands have been purchased or designated by the City for surface water storage purposes.

Policy 4.118.4 One measure of flood control for new development will be _____ implemented by ~~011(2)(c)4~~ the City through the limitation of fill in the _____ 100-year floodplain. In cases _____ where there are no _____ alternatives to fill in the floodplain, compensatory _____ storage for such fill will be provided through excavation in adjacent upland areas (above the 100-year floodplain) of a volume equivalent to the loss of storage within the 100-year floodplain resulting from the placement of fill, where such compensatory storage do not conflict with FDER _____ FDEEDP _____ or _____ SJRWMD requirements.

OBJECTIVE 4.129 The City will establish and maintain ~~continue~~ effective levels of ~~011(2)(b)2~~ intergovernmental coordination on the planning, design, ~~011(2)(b)6~~ construction and operation of surface drainage systems of multiple governmental usage or responsibility with other affected governmental agencies by 1991.

Policy 4.129.1 Interagency staff coordination through formal and informal means _____ such _____ as interlocal agreements, jointly sponsored projects, watershed _____ working _____ groups and established staff-to-staff liaison will be maintained with _____ Orange _____ County and other governmental agencies _____ regarding downstream

drainage capacities so as to ensure that flooding problems are not created by insufficient downstream flow capacity limitations.

Policy 4.129.2 Information about the City's surface water management system will be ~~011(2)(e)4~~ provided to the county as requested for use in the planning, design and ~~_____~~ implementation of ~~_____~~ county-operated drainage systems.

Policy 4.129.3 The City will actively participate in inter-governmental coordination efforts ~~011(2)(e)4~~ regarding water quality management.

Policy 4.129.4 The City will actively participate in the preparation of applicable ~~_____~~ Surface ~~011(2)(e)4~~ Water Improvement and Management (SWIM) plans being undertaken by ~~_____~~ the St. Johns River ~~_____~~ Water Management District which will involve or ~~_____~~ include land areas in the City or waterbodies affected by drainage from the ~~_____~~ City.

OBJECTIVE 4.1310 The City will protect and preserve existing wetlands as viable components of the City's surface water management systems by ~~011(2)(b)5~~ disallowing development in wetlands, unless otherwise permitted by the SJRWMD and / or USACOE. In addition, the City will not allow development in the 100-year floodplain, unless consistent with Policy 4.8.4.

Policy 4.1310.1 Public infrastructure improvements that encourage the development of ~~011(2)(e)4~~ wetlands will not be allowed for the purpose of protecting and preserving ~~_____~~ wetland areas.

Policy 4.1310.2 The City will review its land development and zoning ordinances, ~~011(2)(e)4~~ regulations and standards in order to remove any requirements that allow development in wetland areas.

Policy 4.1310.3 The City will not encourage applications for the annexation of ~~011(2)(e)4~~ predominantly wetland areas, unless an identified public purpose is served by the annexation action.

Policy 4.1310.4 The City will use scenic, drainage, flood control, wetland, ~~_____~~ conservation, ~~011(2)(e)4~~ or other easements or rights-of-way to preserve and protect natural drainage features and similar lands.

Policy 4.1310.5 The design return frequency storm event used for calculating rainfall runoff ~~011(2)(e)2~~ volumes and storage needs will be consistent with Policy 4.1.1 of this ~~_____~~ element.

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~~Policy 4.1310.6~~ Stormwater management systems serving new development in the
~~.011(2)(c)4~~ City will be required by the City to employ the most efficient and cost
effective pollution control techniques available, consistent with or more
restrictive than state and St. Johns River Water Management District
regulations, standards and design criteria.

~~Policy 4.13.7~~ New or redesigned stormwater management systems which will use
~~.011(2)(c)4~~ detention-type stormwater treatment facilities will also provide for the
diversion of the "first flush" of runoff to separate retention areas in order to
protect the water quality in the detention system from the adverse
effects of direct stormwater discharges, particularly in cases where
direct bleeddown techniques are employed.

~~Policy 4.1310.8~~ Individual on-site stormwater treatment facilities will be inspected
following ~~.011(2)(c)4~~ their construction. A yearly inspection will be
conducted by qualified personnel to ensure operation and maintenance is
compliant with the SJRWMD and FDEP requirements, and a program
developed by 1991 to begin a periodic
inspection program with regard to proper operation and maintenance.

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~~OBJECTIVE 4.13A~~ By January 1993, the City shall address the correction of
~~9J-5.01(2)(b)~~ drainage deficiencies within the City as well as the extension
of drainage services to meet future needs.

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~~Policy 4.13A.1~~ By January 1993, the City shall develop a stormwater management
~~9J-5.011(2)(b)~~ master plan that will address the following:

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- ~~1.~~ Maintaining surface and groundwater quality by reducing direct
stormwater runoff into lakes;
- ~~2.~~ Prevention of flooding by upgrading deficient drainage facilities to
meet adopted LOS standards;
- ~~3.~~ Extending and/or increasing the capacity of drainage systems as
necessary to meet future needs; and
- ~~4.~~ Recommending a revenue source for implementing the
Stormwater Management Master Plan.

~~Policy 4.13A.2:~~ The City will amend the Comprehensive Plan at the time the Stormwater
Master Plan is completed to include the results of the Stormwater
Master Plan.

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Potable Water

~~OBJECTIVE 4.14~~ Public facility Objectives 4.1 through 4.5 and Policies 4.1.1 through
~~.011(2)(b)2~~ 4.5.1 will apply to this sub-element. These objectives and policies
address public facilities in general.

OBJECTIVE 4.1511 The City of Edgewood will maintain an agreement with the Orlando Utilities Commission for potable water service.

Policy 4.1511.1 The City will coordinate with the Orlando Utilities Commission to establish a potable water agreement that will include all necessary legal requirements, rates, service area specifications and relevant information pertinent to the provision of potable water service to the residents of Edgewood.

Policy 4.1511.2 The City will continue to require that development projects must obtain approval for potable water service from the Orlando Utilities Commission before a development permit may be issued.

Policy 4.1511.3 Expansion of the distribution system will continue to be funded with user fees and connection charges in accordance with the requirements of the franchise agreement service provider.

OBJECTIVE 4.16 By the end of 1991, Edgewood will make available public information to keep the residents informed on the quality of water and service in the City.

Policy 4.16.1 The City will make available at City Hall information about the potable water service system.

OBJECTIVE 4.17.12 By the end of 1991, water conservation measures will be included in development regulations and public information. These regulations and public information shall incorporate the Goals, Objectives, Policies of the Conservation Element that pertain to use of potable water. The City will attempt to achieve a 3% reduction in water use by 1995.

Policy 4.1712.1 City development regulations will be revised to include water conservation strategies.

a) Conservation strategies will include at least the following:
Installation of water conserving plumbing fixtures in new or renovated building construction which are, at minimum, consistent with the requirements of the State Water Conservation Act. (s. 553.14, F.S.).

b) Water reuse and / or reclamation, where available appropriate, for irrigation, industrial use and other appropriate non-potable water use applications.

- c) Require new development to use natural vegetation and/or drought resistant plants.
- d) Minimize the use of potable water by air/water heat pumps by adopting an ordinance based on the Air/Water Heat Pump Model Ordinance prepared by the St. Johns River Water Management District.

Policy 4.1712.2 The City will support water conservation through participation in _____ existing ~~011(2)(e)3~~ county, state and federal programs, as well as _____ through actions described _____ in Policy 4.1715.1.

Solid Waste

OBJECTIVE 4.18 ~~Public Facilities Objectives 4.1 through 4.5 and Policies 4.1.1~~
~~011(2)(b)3~~ through 4.5.1 apply to the Solid Waste Sub-Element. These _____ objectives and policies address public facilities in general.

OBJECTIVE 4.1913 The City of Edgewood will maintain a franchise agreement with a ~~011(2)(b)2~~ private company for solid waste collection service.

Policy 4.1913.1 The collection service will be operated with revenues from non - ad valorem taxes fees, and the sales of refuse containers to solid waste customers.

Policy 4.1913.2 The City will evaluate the impact of proposed land development ~~011(2)(e)2~~ projects on the collection system.

OBJECTIVE 4.20-14 The City will coordinate with Orange County regarding _____ processing _____ and disposal of solid waste from _____ the City of Edgewood at the The _____ Orange _____ County solid waste facility, as well as participate with other _____ agencies for safe disposal of waste, will be utilized for the ~~011(2)(b)2~~ processing and disposal of solid waste from the City of Edgewood.

Policy 4.20.1 The private company under contract with the City will deliver the City's ~~011(2)(e)2~~ solid waste to the Orange County Solid Waste Processing facility in accordance with Orange County requirements, with the exception of _____ recyclables. [If the collector has the option, this should not be a policy.]

Policy 4.2014.21 Beginning in 1994T the City will participate in state, county and _____ local _____ intergovernmental strategies to address _____ hazardous waste disposal.

Policy 4.2014.32 The City will participate in any future intergovernmental activities _____ related to _____

~~.011(2)(e)1~~ the expansion of the County solid waste disposal facility or other ~~disposal~~ alternatives to meet future needs.

~~OBJECTIVE 4.21~~ The City will coordinate with Orange County to reduce the volume
~~.011(2)(b)2~~ of solid waste requiring disposal by 30% by 1994.

~~Policy 4.21.1~~ The City will distribute literature promoting the recycling of materials.

~~Policy 4.21.2~~ The City will continue to implement its recycling program.

NOTES

~~I.~~ Public Facilities Element (9J-5.011) Requirements that are not applicable:

~~.011(2)(b)(1)~~ The Element shall contain one or more specific objectives for each goal
~~statement that address correcting existing facility deficiencies.~~
~~Edgewood has no existing deficiencies.~~

~~.011(2)(b)(5)~~ The Element shall contain objectives and policies that address the
~~.011(2)(c)(4)~~ protection of the functions of groundwater recharge areas; Edgewood
~~has no prime recharge areas.~~

Conservation

9J-5-013

Goals, Objectives, Policies

GOAL 5

~~013(2)(a)~~

Conserve, protect and appropriately manage the natural resources of the City of Edgewood to ensure the highest environmental quality possible ~~practicable~~, as well as promote water conservation through practicing water conservation strategies.

Water Quality Protection

OBJECTIVE 5.1

~~013(2)(b)2~~

Surface and ground water quality in the City shall meet or exceed the minimum criteria set by the FDEP ~~Florida Department of Environmental Regulation~~ Protection.

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Policy 5.1.1

~~013(2)(c)1~~

The City shall use the site design standards contained in Ch. 17-3, 62, F. A. C. and regulations for the control of stormwater runoff to ensure the adequate treatment of stormwater from all new development or redevelopment prior to its discharge to surface waters, in order to ameliorate the adverse effects of stormwater pollutants on fisheries habitats.

Policy 5.1.2

~~013(2)(c)1~~

The City shall identify means for reducing the volume of untreated stormwater discharged to surface waters in order to maintain the drainage water quality level of service as contained in Policy 4.1.1.

Policy 5.1.3

~~013(2)(c)1~~

~~The City shall ensure that land uses which require the routine application of herbicides and/or pesticides maintain a groundwater monitoring program designed to detect contamination of the surficial aquifer by those substances.~~

Water Supply

OBJECTIVE 5.2

The City shall identify key areas to contribute to water conservation and smart use of water resources to ensure capacity can be achieved and quality maintained, encourage the reduction of per capita consumption

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~~013(2)(b)2~~

~~of potable groundwater by its residents through conservation and reuse of existing water supplies. The City will use OUC, Orange County, and the SJRWMD as resources in implementing non-facility based water supply and conservation programs achieve a~~

~~three percent reduction in water use by 1995.~~

Policy 5.2.1 The City shall adopt specific standards which regulate the
~~013(2)(c)1.~~ installation and operation of air/water heat pumps in a manner
consistent with the County policy, in order to reduce the wasteful
use of groundwater by such systems.

Policy 5.2.2 In order to reduce the amount of water used in the irrigation of
~~013(2)(c)1.~~ landscaping, the City shall encourage the use of native or drought
resistant plants, as appropriate, in the landscaping of new
development or redevelopment.

Policy 5.2.3 The City shall encourage conservation of water by supporting
~~013(2)(c)1.~~ the retrofit of low-volume plumbing fixtures in existing development,
and by requiring the use of such fixtures in new development and
redevelopment.

Policy 5.2.4 The City shall assist the SJRWMD in the enforcement of the
~~013(2)(c)4.~~ provisions of emergency water shortage plans at those times
when an official emergency water shortage declaration is made by
the SJRWMD Governing Board by posting water restriction
information at City Hall.

Air Quality

OBJECTIVE 5.3 Air quality in the City of Edgewood shall meet or exceed the
~~013(2)(b)1.~~ minimum criteria set by the ~~FDEP~~Florida Department of
Environmental RegulationProtection.

Policy 5.3.1 The City shall ~~coordinate~~cooperate with the County and the FDOT
in the ~~monitoring of transportation related air~~
quality impacts, and the ~~planning of~~
improvements needed on regionally significant
roadways to rectify observed or predicted air quality problems on
those roads.

Policy 5.3.2 New development and roadways, whether public or private, shall be
designed to accommodate and encourage alternative modes of
transportation to the maximum extent practical. Appropriate
measures may include, but are not limited to: construction of
bicycle facilities along new roads; construction of pedestrian
sidewalks along roads and within developments; provision of
passenger shelters for users of mass transit.

Policy 5.3.3 The City shall encourage the establishment and usage of mass transit transportation alternatives in lieu of new roadways, wherever such alternatives cannot be shown to be impractical or infeasible, through inter-governmental coordination with the Orlando Urban Area MPO, the County, FDOT, and Tri-County Transit Authority.

Policy 5.3.4 In order to reduce peak traffic loads on roadways which contribute to air quality degradation, the City shall encourage government and private sector businesses to adopt alternative and/or flexible work schedules where they are practical.

Policy 5.3.5 The City shall prohibit any development that ~~FDER-FDEP~~ considers to be a major air pollution source.

Policy 5.3.6 The City shall require all new developments to provide a statement on possible air quality impacts from construction and operation of the development.

Policy 5.3.7: The City will encourage water conservation regulations that promote and encourage the use of low impact development techniques such as those that use the Florida Water Star Program.

Policy 5.3.8: The City will also evaluate creating incentive programs that encourage the installation of water-saving plumbing devices, such as indoor water audits and leak detection and will consider adopting regulations that require water-efficient landscaping for all new development projects and require functioning rain sensor devices on automatic irrigation systems, as well as overriding green lawn deed restrictions.

Policy 5.3.9: The City commits to using lower quality sources of water for nonpotable needs when such sources (storm water, surface water, or reclaimed water) become available.

Policy 5.3.10: The City commits to implementing water conservation practices that include: educational programs at schools; observing "Water Conservation Month" through press releases and resolution; promoting water conservation and environmental education newsletters, as well as web-based newsletters; and, enforcement of the Water Management District's "permanent water conservation rule".

Endangered and Threatened Species

OBJECTIVE 5.4 Existing populations of endangered and threatened species within the City shall be protected and managed so as to maintain the persistence of viable populations of any such species.
~~013(2)(b)4.~~

Policy 5.4.1 Development approval in areas which have been identified as providing suitable habitat for listed species shall be contingent upon a review of the development site to determine whether any listed species are present and the development of a management plan which would protect any listed species which occur or are discovered on the development site.
~~013(2)(c)5.~~

Policy 5.4.2 The City shall consult with the FGFWFC and/or the ~~FDNR~~ FDEP in the review of listed species management plans prepared by private developers, and shall implement the recommendations of those agencies in the issuance of development orders to the greatest extent practicable.
~~015(2)(c)5.~~

Vegetative Cover and Wildlife Habitat

OBJECTIVE 5.5 The City shall ensure that new developments protect, to the greatest extent feasible, natural vegetative communities to maintain the existing degree of wildlife and habitat diversity.
~~013(2)(b)3.~~
~~013(2)(b)4.~~

Policy 5.5.1 The City shall require that natural vegetative communities be preserved intact (including canopy trees, shrub and herbaceous layer vegetation) in order to satisfy the requirements of open space regulations used in development site plan approval. Special emphasis should be given to protection of vegetative communities which: (a) may provide habitat for species listed by the USFWS, FGFWFC or FNAI as endangered, threatened, rare or species of special concern; (b) are themselves considered endangered in State, regional or local habitat inventories; or (c) occur within the 100 year floodplain.
~~013(2)(c)5.~~

Policy 5.5.2 The City shall not approve any development which proposes to destroy natural vegetative communities known to provide habitat to listed species until the developer has submitted a management plan which, in the opinion of the FGFWFC and/or ~~FDNR~~ FDEP, limits _____ adverse effects on the species to the _____ greatest extent practicable.
~~013(2)(c)5.~~
~~013(2)(c)6.~~

Policy 5.5.3
~~013(2)(e)6.~~

The City shall not approve any development which would adversely alter the ecological functions of freshwater wetlands or deepwater habitat. Ecological functions include: (a) provision of wildlife and fisheries habitat; (b) maintenance of in-stream flows and lake levels during of high and/or low rainfall; (c) erosion control; and (d) water quality enhancement.

Policy 5.5.4
~~013(2)(e)6.~~

The City shall ensure that aquatic vegetation is not removed from surface water bodies except in compliance with the regulations of the ~~FDNR-FDEP~~ Bureau of Aquatic Plant Research and

~~Control~~ Management. The City

shall discourage aquatic plant control efforts except when needed to provide reasonable recreational access to surface waters or to correct problems of public health, safety and welfare, including water quality.

Fisheries

OBJECTIVE 5.6
~~013(2)(b)4.~~

The City shall establish guidelines for lake front development and activity to ensure water quality levels that maintain or enhance diversity of fish habitat and species.

Policy 5.6.1
~~013(2)(e)6.~~

The City shall use the site design standards contained in Ch. 17-3, 62 F. A. C. for the control of stormwater runoff to ensure the adequate treatment of stormwater from all new development or

redevelopment prior to its discharge to surface waters, in order to ameliorate the adverse effects of stormwater pollutants on fisheries habitats.

Policy 5.6.2
~~013(2)(e)6.~~

The City shall identify means for reducing the volume of untreated stormwater discharged to surface waters in order to maintain the drainage level of service as contained in Policy 4.1.1. [Policy is

duplicate of Policy 5.1.2.

Policy 5.6.32
~~013(2)(e)6~~

The City shall not permit shoreline development activities which would destroy or degrade the function of lacustrine shoreline or deepwater habitat, except where such activities are clearly in the public interest and there is no practical alternative which reduces or avoids the impacts.

Policy 5.6.4

The City shall, in conjunction with Orange County, develop a program to take corrective action, to the greatest extent feasible, via retrofit of stormwater facilities. This program will be based on the recommendations of the Orange County Stormwater Master Plan.

Floodplain Management

OBJECTIVE 5.7 The City shall protect the flood storage and conveyance functions of the 100 year floodplain by coordinating with the St. Johns River Water Management District and the lake districts to prevent development in the 100-year floodplain.
~~013(2)(b)4.~~

Policy 5.7.1 No development will be allowed in the 100-year floodplain, unless compensating storage is provided in accordance with Policy 4.8.4.
~~013(2)(c)6.~~ Developers shall be encouraged to incorporate those portions of sites which are within the 100 year floodplain as open space preservation.

Soil Conservation and Mineral Resources:

OBJECTIVE 5.8 Development and mineral extraction activities shall be regulated to limit the adverse effects of soil erosion and sediment transport on air and water quality.
~~013(2)(b)3.~~

Policy 5.8.1 The City shall require that all land clearing for agriculture or development be conducted in compliance with soil erosion- Best Management Practices as published by the SCS, FDOT, FDER, FDEP, FDACS, IFAS. Land clearing for development shall be limited to the minimum amount necessary.
~~013(2)(c)6.~~

Policy 5.8.2 The City shall prohibit all mineral extraction activities except those for on-site fill purposes.
~~013(2)(c)6.~~

Hazardous Waste and Materials

OBJECTIVE 5.9 The volume of hazardous waste and materials generated within the City which is improperly used, stored or disposed of shall be eliminated by the year 1995; the number of sites which engage in improper use, storage, or disposal of hazardous waste shall also be reduced to zero.

Policy 5.9.1 The City shall continue to coordinate with the FDER-FDEP and Orange County in the establishment of Amnesty Days for the collection of domestic hazardous wastes.
~~013(2)(c)10.~~

Policy 5.9.2 ~~The City shall establish a program~~ cooperate with the Orange
County Environmental Department to ensure that businesses
which
~~013(2)(e)10-~~ store, generate, or transport hazardous wastes or materials do
so in accordance with State and Federal guidelines and
regulations.

Policy 5.9.3 The City shall provide the greatest support practicable to Federal,
~~013(2)(e)10-~~ State and County hazardous waste and materials management
programs.

Recreation and Open Space

9J-S-014

Goals, Objectives, Policies

GOAL 6: The City of Edgewood will ensure that residents have access to a full range of recreational opportunities.

The City of Edgewood will ensure the conservation of open space areas within the City to provide aesthetically pleasing buffer areas, to serve as wildlife habitats, to act as groundwater recharge areas, to give definition to the urban area, and to enhance and preserve natural resources, in conjunction with Orange County.

OBJECTIVE 6.1: ~~By the end of 1994, the City will establish agreements with Orange County to continue intergovernmental cooperation with Orange County and the School Board to fulfill the parks, recreation, and open space needs for the residents of Edgewood.~~
~~014(3)(e)3.~~

Policy 6.1.1 Continue intergovernmental coordination activities with Orange County Parks and Recreation regarding facilities that serve residents of Edgewood.
~~014(3)(e)5.~~

Policy 6.1.2 Continue to work with the Orange County School Board to allow the use of school recreational facilities by the residents of Edgewood.
~~014(3)(b)5.~~

Policy 6.1.3 The adopted level of service for recreation and open space areas for in Edgewood is set as the same as Orange County 1.5 acres per every 1000 people.
~~014(3)(e)4.~~

OBJECTIVE 6.2: The City will coordinate with Orange County Parks and Recreation to ensure that all identified recreational facilities in proximity with Edgewood, and natural resource areas of the City will be accessible to all residents and tourists in Edgewood.
~~014(3)(6)1.~~

Policy 6.2.1 The City will participate in Orange County recreational programs that are designed to ensure accessibility of recreational facilities for the disabled, elderly, and economically disadvantaged.

~~Policy 6.2.2 Work with Orange County Parks and Recreation to achieve multiple
014(3)(c)2. community benefits during parks and recreational facility
 development such as using a multi-purpose field for
 stormwater retention or developing a park with passive
 recreation areas that fulfill open space needs within the City.~~

~~OBJECTIVE 6.3: By the end of 1991 the City shall establish a program to coordinate
014(3)(b)4. the development of joint public/private recreational and open space
 resources.~~

~~Policy 6.32.13 ———Continue to encourage support from garden clubs and other
 service organizations in landscaping, supporting, and
 establishing recreational facilities .~~

~~Policy 6.3.2 Work with Orange County Parks and Recreation to achieve multiple
014(3)(c)2. community benefits during parks and recreational facility
 development such as using a multi-purpose field for
 stormwater retention or developing a park with passive
 recreation areas that fulfill open space needs within the City.~~

~~Policy 6.3.3 Adopt regulations requiring the dedication of park land or fees in
014(3)(c)2. lieu thereof by all new residential developments to insure that future
 park sites are developed to meet the demand for recreational
 activities associated with their residential developments. [This policy
has been determined to be unenforceable and is being eliminated.]~~

~~OBJECTIVE 6.4: Within one year of plan submittal, the land development
014(3)(b)4. regulations will include provisions for addressing the open
 space needs of the City.~~

~~Policy 6.4.1 The City will coordinate with Orange County Parks and
014(3)(c)2. Recreation on existing or proposed acquisition programs for
 district and regional parks and natural reservations in
 proximity to Edgewood that will also fulfill the passive recreation
 and open space needs of Edgewood residents.~~

~~Policy 6.4.2 By 1991, the City will develop regulations which define open
014(3)(c)1. space and set standards for open space preservation in local land
 development. The regulations shall include:~~

~~a definition of open space;
 provisions for open space in all zoning categories; and
 minimum tree requirements on all development.~~

~~[This objective has been met and is therefore being eliminated.]~~

NOTES

~~I. Recreation and Open Space (9J-5.014) Requirements that are not applicable:~~

~~014(3)(c)3. Maintain or improve existing levels of beach and shore access.
Edgewood is not a coastal jurisdiction.~~

~~014(2)(c) Future Recreational uses depicted on the Future Land Use Map;
Edgewood has no future recreational uses within the City.~~

~~II. Recreation and Open Space requirements located in other Plan Elements:~~

~~NONE~~

Intergovernmental Coordination

9J-5.015

Goals, Objectives, Policies

GOAL 7 The City will maintain an ongoing commitment to intergovernmental coordination to ensure that the growth management goals of the Comprehensive Plan will be effectively implemented.

OBJECTIVE 7.1: ~~By the end of 1994, The~~ the City will establish a procedure for an annual review of ~~monitor~~ the plans of other local governments and ~~districts, and meetings to coordinate actions on subjects of~~ mutual concern. To include at least ~~the following:~~

- (a) Orange County Comprehensive Plan
- (b) City of Orlando Comprehensive Plan
- (c) City of Belle Isle Comprehensive Plan
- (d) State agencies: FDOT, DER, ~~DNR~~ FDEP, and SJRWMD
- (e) School Board of Orange County, District Plan

Policy 7.1.1 ~~By 1994, the~~ The City Council will establish a schedule of ~~participate in~~ intergovernmental coordination meetings with the local governments listed in Objective 7.1, and other entities as needed. ~~An annual summary report of intergovernmental coordination activities will be prepared by the City Council.~~

Policy 7.1.2 In the event of a conflict with the Comprehensive Plan of ~~015(3)(c)2.~~ another local government or regional agency, which the City Council determines to be ~~irreconcilable, the~~ City will appeal to the ECFRPC's informal mediation process or use whatever means necessary to protect the City, utilize the East Central Florida Regional Planning Council's dispute resolution process pursuant to state law.

Policy 7.1.3 The City will provide information on issues related to comprehensive planning to appropriate local governments, including those listed in Objective 7.1, through scheduled meetings and upon request.

Policy 7.1.4 The City will continue to respond to annexation opportunities.
~~015(3)(c)4.~~ Ongoing intergovernmental coordination with Orange County and other jurisdictions will include resolution of annexation issues. The City will submit to formal arbitration to resolve annexation disputes. The City desires to encourage responsible annexations that are compact and contiguous to existing City boundaries that do not burden facility provision or services. Within 18 months from adoption of the 2012 EAR-based amendments, the City will prepare an analysis and report regarding an interlocal agreement with Orange County to create a formal annexation agreement.

Policy 7.1.5 The City will participate in any county-wide intergovernmental forums which may be initiated as a result of comprehensive plan adoptions or other reasons.
~~015(3)(c)4.~~

Policy 7.1.6 The City will coordinate with Orange County and the City of Belle Isle in the preparation of a Stormwater Master Plan and the City will implement the recommendations of that plan.

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Policy 7.1.6 The City will coordinate with Orange County Public Schools regarding school siting needs and program implementation applicable to the City.

OBJECTIVE 7.2: Any proposed development will be evaluated for its impact on adjacent local governments, the region or the state pursuant to the development and adoption of applicable criteria. Where a potential impact exists as determined by the City of Edgewood, the City will solicit review and comment from the appropriate unit(s) of government before a development permit is issued.
~~015(3)(b)2.~~

Policy 7.2.1 Future development projects in Edgewood will include an assessment of impact on the Comprehensive comprehensive Plans plans of adjacent jurisdictions when the Planning and Zoning Board has determined that the project impacts public services or land uses adjacent to Edgewood. Affected jurisdictions will be advised of the potential impact.
~~015(3)(c)5.~~

Policy 7.2.2 Amendments to this Comprehensive Plan, including the FLU and the CIE, will be assessed for impact on the comprehensive plans of adjacent jurisdictions, when the amendment impacts public services or land uses adjacent to Edgewood. Affected jurisdictions will be advised of the potential impact.
~~015(3)(c)7.~~

Policy 7.2.3 Development which is proposed in any Element of this Plan will be

~~.015(3)(e)7 reviewed prior to issuance of a permit for impact on the Comprehensive Plans of adjacent local governments. When the development impacts public services or land uses adjacent to Edgewood, affected jurisdictions will be advised of the potential impact. [This policy is redundant with Policy 7.2.1 and Policy 7.2.2.]~~

~~OBJECTIVE 7.3: By the end of 1991, Public services in the City that are provided either through inter local agreement, contract with a governmental entity, or private service provider, will include coordination of LOS standards.~~

~~Policy 7.3.1 The city Clerk will coordinate with the FDOT, local government and private entities for levels of service within the city, as indicated below:~~

State roads	FDOT
County roads	Orange County
Potable water	Orlando Utilities Commission
Wastewater	Orange County
Solid Waste	Franchise (collection) Orange County (landfill/disposal)
Recreation	Orange County

~~[Objective 7.3 and Policy 7.3.1 have been implemented.]~~

~~Objective 7.3: The City shall participate in conservation and coordination activities with Orange County, OUC, the Florida Department of Environmental Protection, and the St. Johns River Water Management District in order to provide for coordinated management and use of the water resources.~~

~~POLICY 7.3.1: A Future Land Use amendment requires the demonstration of adequate water supplies and demonstrates that associated public facilities are (or will be) available to meet projected growth demands pursuant to state statutes.~~

~~POLICY 7.3.2: Prior to approving a building permit or its functional equivalent, the City will consult with the Orange County and OUC to determine whether adequate water supplies will be available to serve the new development prior to issuing a development order or building permit.~~

~~POLICY 7.3.3: The City has developed a ten-year water supply work plan that addresses current and projected water needs and sources. The City shall coordinate with all applicable local, state, and federal agencies regarding the work plan. In addition, the City will update~~

the work plan within 18 months of any update to the regional water supply plan.

POLICY 7.3.4: The City will participate in the development of updates to the SJRWMD's water supply assessment and district water supply plan and in other water supply development-related initiatives facilitated by SJRWMD that affect the City.

POLICY 7.3.5: The City will coordinate with the Orlando Utilities Commission (OUC), Orange County, and other local jurisdictions in OUC's and Orange County's water service area regarding population projections and development projects that affect future water demands to assist in master planning to ensure that current and future water demands can be met.

Cross Reference:

The following objectives and policies which appear in other Elements, are concerned with intergovernmental coordination:

Element	Number	Subject
1. FUTURE LAND USE	Policy 1.4.1	Land development regulations
	Policy 1.6.1	Development guidelines
2. TRAFFIC CIRCULATION	Policy 2.1.1	LOS standards
	Policy 2.4.3	Dedication of R-O-W and Setback requirements
	Policy 2.7.1	Interlocal agreements for road improvements
	Policy 2.7.2	Coordination with FDOT
	Objective 2.8	Traffic Circulation Planning
3. HOUSING	Policy 3.1.11	Coordination with United Way
4. PUBLIC FACILITIES		
a. Potable Water	Objective 4.15	Provision of service
b. Wastewater	Objective 4.4	Maintain design capacity
	Objective 4.8	Provision of service
c. Solid Waste	Objective 4.20	Provision of service
	Objective 4.21	Reduce volume of solid waste
d. Drainage	Objective 4.12	Operation of drainage systems
5. CONSERVATION	Policy 5.2.4	Assist SJRWMD in water restriction enforcement
	Policy 5.3.1	Monitoring of air quality impacts
	Policy 5.3.3	Encourage use of mass transit
	Policy 5.9.3	Support hazardous waste management programs
6. RECREATION & OPEN SPACE	Objective 6.1	Establish agreements with Orange County and School Board regarding provision of facilities
	Objective 6.2	Identified recreation areas accessible to residents of Edgewood
	Objective 6.3	Programs coordinating resources
7. CAPITAL IMPROVEMENTS	Policy 8.3.1	LOS established
	Policy 8.3.2	Provision of service

Intergovernmental Coordination Areas Map [This map does not exist and is not required as part of the City's Map Series. It may be something that the City would seek to incorporate following creation of an interlocal agreement such as an annexation agreement discussed in Policy 7.1.4.]

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Capital Improvements

9J-S-046

Goals, Objectives, Policies

Introduction

The City of Edgewood does not provide public facilities and services to its residents (with the exception of stormwater drainage). These are provided as follows:

- | | |
|--|----------------------------------|
| 1. potable water | Orlando Utilities Commission |
| 2. wastewater collection and treatment | Orange County |
| 3. solid waste collection and disposal | Franchise, Orange County |
| 4. drainage (stormwater) | Edgewood, FDOT and Orange County |
| 5. roads, state and county | FDOT and Orange County |
| 6. parks | Orange County |

Capital improvements and Level of Service (LOS) standards for the above facilities are not the fiscal or ~~operational~~ operational responsibility of the City. Edgewood will coordinate LOS

standards as determined by the service provider. For purposes of concurrency management, the City is responsible only for maintaining local roads and drainage facilities.

GOAL 8: The City shall continue to provide needed public facilities to its businesses and residents in a manner that maximizes existing City infrastructure and promotes orderly urban growth.

OBJECTIVE 8.1: Capital improvements will be accomplished as indicated in the 5-Year Schedule of Improvements. The Schedule will be used as a means to meet the needs of the City for the construction of capital facilities necessary to address existing deficiencies, accommodate future growth, and to replace obsolete or worn out facilities.

Policy 8.1.1 A Capital Improvement shall be defined as any infrastructure item or project for which the City has fiscal responsibility, and which costs \$10,000 or greater (local roads).

Policy 8.1.2 The City shall include all projects identified in the other elements of this Plan estimated to cost \$10,000 or more as capital improvements projects to be included in the 5-Year Schedule of Improvements. Includes only the following Elements: Traffic Circulation Transportation.

Policy 8.1.3 The City Council will act as the Capital Improvements Coordinating Committee. The Committee will evaluate and prioritize proposed projects for inclusion in the Capital Improvements Schedule.

Policy 8.1.4 Proposed capital improvements projects shall be evaluated and prioritized according to the following guidelines:

- a. The elimination of public hazards;
- b. The elimination of existing capacity deficits;
- c. Local budget impact;
- d. Locational needs based on projected growth patterns;
- e. The accommodation of new development and redevelopment facility demands;
- f. Financial feasibility; and
- g. Plans of state agencies and water management districts that provide public facilities within the local government's jurisdiction.

Policy 8.1.5 The City will, whenever cost-effective and in the City's best interest, assign a higher priority to those projects which correct existing facility deficiency or repair/replacement needs, as identified in Plan Elements. This priority will be included in the adopted Five Year Schedule of Capital Improvements.

Policy 8.1.6 The City shall include all drainage improvements identified in the Stormwater Master Plan as part of the 5-year Capital Improvements Schedule.

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OBJECTIVE 8.2: The City will manage its fiscal resources to ensure the provision of needed capital improvements already identified by previously issued development orders, and for future development and redevelopment.

Policy 8.2.1 In providing capital improvements, the maximum ratio of outstanding indebtedness to total property tax base shall be limited to five percent. (The City has no debt at this time.)

Policy 8.2.2 The City shall adopt an annual capital budget as part of its budgeting process. [moved to Objective 8.6]

Policy 8.2.32 Efforts shall be made to secure grants or private funds, wherever possible, to finance the provision of capital improvements.

OBJECTIVE 8.3: Decisions regarding the issuance of development orders and permits will be based upon coordination of development

requirements included in this Plan, the land development regulations which will be revised to be consistent with this Plan, and the availability of necessary public facilities to support such development.. All land use decisions shall be coordinated with the availability of fiscal resources and with the schedule of capital improvements to maintain adopted levels of service.

Policy 8.3.1 The City shall use the following Level of Service (LOS) standards in reviewing the impacts of new development and redevelopment on public facility provisions:

Facility	LOS	LOS established and provided by
a) Sanitary Sewers:	300 gallons/dwelling unit/day 300 gallons per equivalent residential connection (without reclaimed water)	Orange County
b) Solid Waste:	Disposal: 6.0 lbs per day per person 6.1 pounds per capita per day Collection: two/week, each household	Orange County Franchise - Edgewood
c) Drainage:		Edgewood & Orange County
Facility	Design Storm	
Bridges	50 year	
Canals, ditches or culverts for drainage external to the development	25 year	
Crossdrains, storm sewers	10 year	
Roadside swales for drainage internal to the development	10 year	
Detention/Retention basins	25 year	
Retention/Detention basins (no positive outfall)	100-year meet pre and post development runoff volumes and rates for the 25-year, 96-hour storm event)	
(all of the above are for a 24-hr. storm event)		
Water Quality: For a dry retention system retain 1 inch of runoff from the contributing		

basin or 1.25 inches of runoff from impervious areas, whichever is greater, plus half an inch of runoff from the contributing basin, whichever is greater For a wet detention system detain 1 inch of runoff from the contributing basin or 2.5 inches of runoff from the impervious areas, whichever is greater

Stormwater quantity = post development stormwater runoff
flow rates, peaks, and
velocities shall be equal to or less
than levels which existed prior to
development for the 24-hour, 25 year, 24 hour storm event

Stormwater quality = no degradation of existing water quality
conditions in receiving waterbodies
below the minimum conditions
necessary to ensure the suitability of
the water for the designated use of its
classification as established in Ch. 17-
302, F. A. C.

On-site stormwater management = retention of the first one inch of rainfall runoff
for areas greater than 1 acre. Areas less than 1
acre 1/2 inch is required.

Stormwater quantity = post development stormwater runoff flow rates, quantities,
peaks, and velocities shall be equal to or less than levels
which existed prior to development

Stormwater quality = no degradation of existing water quality conditions in
receiving waterbodies below the minimum conditions
necessary to ensure the suitability of the water
for the designated use of its classification as
established in Ch. 17- 302, FAC.

d) Potable Water	325 gallons/dwelling unit/day (without reclaimed water)300 per ERC	Orlando Utilities Commission
e) Roadways		Orange County
Principal Arterials:		
Orange Avenue at Holden	Current operating level (35,961 ADT) plus 15 percentE*	
Orange Avenue at the one-way pair	Current operating level (22,996 ADT) plus 15 percentE*	
Hansel Avenue at the one-way pair	Current operating level (19,516 ADT) plus 15 percentE*	
Collectors:		
Holden Avenue	Current operating level (14,000 ADT) plus 15 percentE*	
Gatlin Avenue	LOS-E at peak hourE*	

f) Recreation	same as Orange County 1.5 acres/1000 people*	Orange County
* same as Orange County's LOS standards		

Policy 8.3.2 The City shall, consistent with this Comprehensive Plan, ensure that at the time a development order or permit is issued, sufficient capacities of public facilities at the adopted Levels of Service are available concurrent with the impact of the development. The City shall coordinate with the other jurisdictions providing services in the manner described in the appropriate policies of this Plan.

Policy 8.3.3 The expenditure of public funds for all capital improvements shall recognize the policies of the other Plan elements contained within this Comprehensive Plan.

OBJECTIVE 8.4: Future development will be required to bear a proportional cost of facility improvements necessitated by development in order to maintain adopted level of service standards. This requirement shall be based on policies and regulations of facility providers that serve the City of Edgewood.

Policy 8.4.1 By 1991, the City will include fair share and user fee development guidelines in the land development regulations, based on the premise that new development will pay for itself. The guidelines will be applied whenever development necessitates improvements to public facilities. The guidelines will be consistent with those of the agencies that provide the facilities and services.

OBJECTIVE 8.5: The City of Edgewood will not approve development unless it is consistent with the Goals-Objectives-Policies of the Comprehensive Plan.

Policy 8.5.1 The City shall maintain service agreements with the outside service providers listed in Policy 98.3.1 throughout the planning period. Potable water and wastewater territory agreements are between Orange County/OUC and Orange County/City of Orlando, respectively. A franchise agreement exists with the solid waste service provider.

Policy 8.5.2 The City will not issue a development order or permit unless (1) outside service providers have verified in writing that service will be available, consistent with adopted LOS standards, and (2) the proposed development is consistent with the Goals-Objectives-Policies of the Comprehensive Plan.

OBJECTIVE 8.6: Annual review of the Capital Improvements Element will be included in the City's budget process.

Policy 8.6.1 ~~The annual fiscal review of the CIE will include updating the fiscal assessment analysis and the Five-Year Schedule of Improvements. The City shall adopt an annual capital budget as part of its budgeting process and include an amendment to the Capital Improvements Element for an update to the 5-year Capital Improvements Schedule. The City budget will be adopted at an advertised public hearing.~~

Policy 8.6.2 The City will manage its fiscal resources to ensure the provision of needed capital improvements for and development orders issued prior to Plan adoption.

Policy 8.6.3 Fiscal policies in the Capital Improvements Element will be reviewed annually to ensure compatibility with and support of other Elements in the Comprehensive Plan.

OBJECTIVE 8.7: The City will maintain an ongoing commitment to intergovernmental coordination in order to determine the best possible solution to providing capital improvements for public facilities.

Policy 8.7.1 The City will appoint representatives as needed to participate in all intergovernmental activities pertaining to local government public facility issues in Orange County.

Policy 8.7.2 The City will work to address multi-jurisdictional issues concerning the funding of public services when it is in the best interest of the residents of Edgewood.

Five-Year Capital Improvements Schedule*

Project ID/Fund	Project Name	2013	2014	2015	2016	2017
541530-02	COMMERCE DRIVE -CUL-DE-SAC (Stormwater)	\$11,500				
541530-02	WINDSONG@ HARBOUR ISLAND-LDSCP (1) (Roads & Streets)	\$2,650				
541530-02	WINDSONG@HARBOUR ISLAND-LOSCP (2)	\$650				

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	(Roads & Streets)					
541530-02	WINDSONG @ HARBOUR ISLAND-LDSCP (3) (Roads & Streets)	\$2,800				
541530-02	WINDSONG@ HARBOUR ISLAND-LDSCP (4) (Roads & Streets)	\$1,400				
541530-02	HEDGE COURT @ LYNWELL DRIVE (Stormwater)	\$1,800				
549460-02	JAMAICA LANE-PUBLIC PORTION (Stormwater)	\$1,000				
541698-01	REPAIR INLET @ SILVERA DR & VISCAYA AVE (Stormwater)	\$750				
541698-01	REPAIR INLET EROSION ON COMMERCE DR (Stormwater)	\$2,500				
541697-08	CLEAN STORMCEPTOR ON MANDALAY/ BALI HAI LAGOON (Stormwater)	\$2,500				
	CITY SIDEWALK REPAIR	\$15,000				
TOTAL CAPITAL IMPROVEMENT PROJECTS		\$42,550				

* Please note capital improvements have only been scheduled for the first budgetary year of the Capital Improvements Schedule.

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NOTES

I. ~~CIE (9J-5.016) requirements that are not applicable:~~

~~.016(b)2. The limitation of public expenditures that subsidize development in high hazard coastal areas; Edgewood is not a coastal jurisdiction.~~

II. ~~CIE requirements located in other Plan Elements:~~

~~NONE.~~

Monitoring and Evaluation Procedures

A. Annual Monitoring Report

To ensure that the comprehensive planning program in Edgewood is a continuous and ongoing process, a monitoring report shall be prepared annually by the last working day of December during each year in which an Evaluation and Appraisal Report is not required. The monitoring report shall be presented to the Local Planning Agency (LPA) in January for recommendations to the City Council. The monitoring report shall include all requirements of State Law and the following:

1. Any existing problems associated with development or any physical deterioration in the City, the location of these areas, and the social and economic effects of such conditions in the City.
2. The condition of each element in the Comprehensive Plan at the time of adoption and at the date of the report, including a status report on the required goals, objectives and policies to be achieved that year and any recommended changes.
3. The extent to which unanticipated problems and opportunities occurred between the date of adoption and the date of the report, including the nature of the problems or opportunities and any recommended changes to the plan.
4. A list of approved projects and developments in the City.
5. A list of areas in the City affected by substandard service levels (if any) and recommendations to achieve acceptable levels of service for substandard areas.

The Edgewood City Council shall take the monitoring report into account when considering proposed Comprehensive Plan Amendments for the respective year.

B. Five Year Evaluation and Appraisal Report

By June 1994, a five year Evaluation and Appraisal Report (EAR) shall be prepared to assist the Local Planning Agency (LPA) in formulating an updated Comprehensive Plan. The EAR shall include at a minimum all the requirements of State Law and Administrative Rules and the following:

1. Any existing problems associated with development or any physical deterioration in the City, the location of these areas, and the social and economic effects of such conditions in the City.
2. The condition of each element in the Comprehensive Plan at the time of adoption and at the date of the report, including a status report on the required goals,

objectives and policies to be achieved in the five year timeframe and any recommended changes.

~~3.~~

~~4. The extent to which unanticipated problems and opportunities occurred between the date of adoption and the date of the report, including the nature of the problems or opportunities and any recommended changes to the plan.~~

~~5.~~

~~6. A list of approved projects and developments in the City.~~

~~7.~~

~~8. A list of areas in the City affected by substandard service levels (if any) and recommendations to achieve acceptable levels of service for substandard areas.~~

~~9.~~

~~10. The LPA shall review the EAR at a public hearing or series of public hearings and make its recommendations to the City Council for adoption of the EAR. City Council shall adopt the EAR as recommended by the LPA or adopt the EAR with additional modifications.~~

~~11.~~

~~12. To provide that all affected property owners and interested residents of Edgewood are properly notified of the discussions of the EAR, the public hearings held by the LPA will be advertised through a public notice in a newspaper of general circulation in the Edgewood area. Likewise, notices will be posted at Edgewood City Hall and at the Orange County Library. In addition, preliminary and final draft copies of the EAR will be made available at City Hall and in the Orange County Library. Mailing lists will be maintained for residents and affected parties in order to keep them informed of meetings throughout the process. Surrounding jurisdictions will be notified of the process at the outset, after the June 1994 draft of the EAR has been prepared. Any oral or written comments will be incorporated into the public record, and responses to requests for information or clarification shall be maintained by the City Clerk. All written requests and responses to the EAR will be included as an appendix to the document. Any additional requirements of State Law or Administrative Rules will be followed as well.~~

~~13.~~

~~14. C. Comprehensive Plan Update~~

~~15.~~

~~16. The process established to update the Comprehensive Plan for the 1995 update is much the same as that used to prepare the 1990 plan. The LPA shall update appropriate baseline data upon which the 1990 Plan was developed. This update of the data and analysis sections of the Plan will involve incorporating newly available data from sources such as:~~

~~17.~~

~~18. Population estimates and projections from the University of Florida, Bureau of Economic and Business Research;~~

~~19.~~

~~20. Demographic and economic data available from the most recent U. S. Census, if different from that employed in the preparation of the current Plan;~~

~~21.~~

- ~~22. Land use changes recorded by the City;~~
~~23.~~
~~24. Traffic counts and capacities recorded by FDOT;~~
~~25.~~
~~26. Water, sewer or solid waste generation or utilization information available from Orange County or the Orlando Utilities Commission; and~~
~~27.~~
~~28. Other pertinent data available at the time of the five year update.~~
~~29.~~
~~30. The LPA will use the new data and the EAR to update the plan and propose new or modified goals, objectives and policies appropriate to the circumstances of the City at that time. Once the LPA has developed a plan consistent with State and local concerns, the LPA shall hold at least one public hearing in order to formalize the document and make recommendations to the City Council at both transmittal and final hearing stage. After the LPA recommendation, formal public hearings will be conducted as required by Florida Statute when the City Council transmits and adopts the Plan.~~
~~31.~~
~~32. To provide that all affected property owners and interested residents of Edgewood are properly notified of the discussions of the Comprehensive Plan update, the public hearings held by the LPA will be advertised through a public notice in a newspaper of~~
~~33. general circulation in the Edgewood area. Likewise, notices will be posted at Edgewood City Hall and at the Orange County Library. In addition, preliminary and final draft copies of the updated Comprehensive Plan will be made available at City Hall and in the Orange County Library. Mailing lists will be maintained for residents and affected parties in order to keep them informed of meetings throughout the process. Surrounding jurisdictions will be notified of the Plan update process. Any oral or written comments will be incorporated into the public record, and responses to requests for information or clarification shall be maintained by the City Clerk. All written requests and responses to the Plan update will be included as an appendix to the document. Any additional requirements of State Law or Administrative Rules will be followed as well.~~

Public Participation Plan CITY OF EDGEWOOD

I. PURPOSE

The purpose of the Citizen Participation Plan is to delineate the methods to be utilized by the Planning and Zoning Board and the City Council to assure an adequate opportunity for citizen participation in the comprehensive planning process. This Plan will provide procedures for dissemination of information, opportunities for written comments, public hearings, and consideration of and response to written comments. The procedures shall be used by the City in considering the initial formulation and adoption of the Comprehensive Plan, amendments to the Plan, and continuing evaluation and appraisal of the Plan. These procedures must be adopted by both the Planning and Zoning Board and the City Council prior to official consideration of the Comprehensive Plan. This Citizen Participation Plan must also be submitted to the Florida Department of Community Affairs along with the Comprehensive Plan when the Plan is adopted and submitted for compliance review on December 17, 1991.

II. INTRODUCTION TO THE COMPREHENSIVE PLANNING PROCESS

The Local Government Comprehensive Planning and Land Development Regulation Act (Chapter 163, F.S.) requires that the City of Edgewood prepare and adopt a Comprehensive Plan containing the following elements:

1. Land Use Element;
2. Traffic Circulation Element;
3. Housing Element;
4. General Sanitary Sewer, Solid Waste, Drainage, Potable Water and Natural Groundwater Aquifer Recharge Element;
5. Conservation Element;
6. Recreation and Open Space Element;
7. Intergovernmental Coordination Element; and
8. Capital Improvements Element.

The City of Edgewood must adopt and submit this plan to the Florida Department of Community Affairs by December 1991.

III. ESTABLISHMENT OF THE LOCAL PLANNING AGENCY

Chapter 163.3174, F.S., requires that the City of Edgewood establish a Local Planning Agency (LPA) by ordinance. The LPA shall have the general responsibility for the conduct of the Comprehensive Planning Program. Specifically, the LPA shall:

- A) Be the agency responsible for the preparation of the Comprehensive Plan and shall make recommendations to the City Council regarding the adoption of

such Plan or element or portion thereof. The City Council in cooperation with the LPA may designate any agency, committee, department or person to prepare the Comprehensive Plan or any element thereof, but final recommendation of the adoption of the Plan to the City Council shall be responsibility of the LPA;

- B) Monitor and oversee the effectiveness and status of the Comprehensive Plan and recommend to the City Council such changes in the Comprehensive Plan as may from time to time be required, including preparation of the five year update required by Chapter 163.3191, F.S.; and
- C) Perform other functions, duties and responsibilities assigned to it by the City Council or by general or special law.
- D) By City Ordinance No. 89-346, the Planning and Zoning Board was officially designated as the City's LPA.

IV. INITIAL COMPREHENSIVE PLAN PREPARATION PUBLIC FORUMS

- A) At strategic points during the comprehensive planning process, the LPA shall hold public meetings to: explain the ongoing planning process and the schedule for Plan revisions pursuant to Rule 9J-5, FAC; discuss the data inventory, analysis and proposed goals, objectives, and policies of the Comprehensive Plan; solicit input from the general citizenry regarding related issues and provide for timely response to citizen concerns.
- B) The LPA shall hold a public meeting at which time it shall make a formal recommendation to the City Council regarding adoption of the proposed Comprehensive Plan.
- C) The City Council shall hold two public hearings, in accordance with Chapter 163.3184 (15) F.S. One hearing shall be held prior to transmitting the Plan to the State Department of Community Affairs (DCA) for review. The second shall be held after considering DCA comments and prior to adopting the Plan.

V. PUBLIC HEARING AND NOTICE REQUIREMENTS FOR PLAN TRANSMITTAL, ADOPTION, AMENDMENT, OR FOR PLAN EVALUATION AND APPRAISAL.

Chapter 163.3184, F.S., as exists or may hereafter be amended, stipulates detailed procedures and specifications for convening public hearings and providing due public notice:

- * Prior to transmitting the Plan to the State Department of Community Affairs for review;
- * After receipt of comments from the State Department of Community Affairs and prior to adopting the Plan;

- ~~Prior to adopting all plan amendments including plan amendments recommended as part of the plan evaluation and appraisal process cited in Chapter 163.3191, F.S.~~

~~The City of Edgewood Planning and Zoning Board and City Council shall carry out the provisions of these statutes in order to ensure continuance of the citizen participation process as mandated through State legislation. These provisions shall be supplemented by the provisions of this Citizen Participation Plan. The Citizen Participation Plan shall be duly implemented to ensure all real property owners due notice concerning official actions that may affect their use of property. In addition, the specific procedures cited in Section VII below shall be implemented to further encourage citizen participation, including but not limited to, timely oral and written comments from the general public and timely response by City staff and/or public officials.~~

~~VI. PUBLIC NOTICE REQUIREMENTS~~

~~All public meetings convened by the Planning and Zoning Board and/or the City Council for the purpose of encouraging participation by the general public shall include the following notice requirements except public hearings required by Chapter 163.3184 F.S.:~~

~~Regularly scheduled public meetings cited in Section IV of the Citizens Participation Plan shall be advertised in a newspaper of general circulation at least five (5) working days prior to the scheduled meeting. The advertisement shall cite the date, time and place of the meeting; the subject of the meeting; and shall state, if applicable, that relevant background information shall be available at City Hall, 405 LaRue Avenue, Edgewood, Florida, 32809-3406, and may be inspected by the public. The advertisement shall also encourage interested parties to appear at the meeting to speak and/or to provide written comments.~~

~~VII. PROVISIONS FOR ENCOURAGING WRITTEN COMMENTS AND CONTINUING INPUT~~

- ~~A) Maintenance of Mailing List. The City Clerk shall ensure that a mailing list is maintained at City Hall that contains the names and addresses of all city residents, advisory boards, neighborhood groups and other special interest groups interested in receiving information on the comprehensive planning process. This list will be used for periodic mailings to keep interested parties updated on meetings and the status of the comprehensive planning process.~~
- ~~B) Meeting Agenda and Back-Up Material. The Planning and Zoning Board staff shall prepare meeting agendas for all Comprehensive Plan public meetings. In addition, the City Clerk shall ensure that memoranda, executive summaries, progress reports, or other written media are available to assist the general public in following the preparation of the Comprehensive Plan.~~

- ~~C) Response to General Public Comments. The City Clerk shall coordinate with the Planning and Zoning Board to ensure that the agenda of each Comprehensive Plan public meeting includes allocated time during which the general public is encouraged to provide oral or written comments regarding any relevant issue. Similarly, the public meeting agenda should include an adequate allocation of time for responding to oral and written comments of the public as may be appropriate.~~
- ~~D) Draft Elements of the Comprehensive Plan or Portions Thereof to be Available for Inspection. Draft Comprehensive Plan elements or portions thereof, as well as other documents describing proposed future amendments to the Plan or evaluation and appraisal of the Plan, will be made available for public inspection at the City Hall, 405 LaRue Avenue, Edgewood, Florida 32809-3406.~~
- ~~E) Timing of Public Comments. Citizens are encouraged to provide oral or written comments at least five (5) working days prior to a scheduled public meeting in order that staff may respond to such comments at that meeting. Such comments should specify that particular element being addressed and refer to the page number if appropriate. Written comments should include the name, address and phone number of the commentator and should be dated. Citizens may also provide oral or written comments regarding the Comprehensive Plan either at a scheduled public meeting or send written comments to the City Clerk at the above stated address.~~

~~Consistency with State and Regional Planning~~

~~City of Edgewood~~

~~Comprehensive Plan~~

~~Consistency with State and Regional Plans~~

~~This plan adheres to those policies enunciated in Chapter 187, Florida Statutes, titled State Comprehensive Plan, and in the East Central Florida Comprehensive Regional Policy Plan dated May 7, 1987. Specific cites and comments follow.~~

~~1. Education.~~

~~_____ The City of Edgewood has a limited role in administering to the educational needs of the community. Requirements for education are addressed by the Orange County School Board.~~

~~2. Children.~~

~~_____ This goal area is not applicable for the city of Edgewood.~~

~~3. Families.~~

~~_____ This goal area is not applicable for the city of Edgewood.~~

~~4. Elderly.~~

~~_____ A variety of services for the benefit of the elderly are provided by Orange County.~~

~~5. Housing.~~

~~_____ The City of Edgewood has proposed in this plan housing policies designed to ensure the affordability and availability of housing to low-income and moderate-income persons.~~

~~6. Health.~~

~~_____ Health services are provided by private sector and by the Orange County Health Department.~~

~~7. Public Safety.~~

~~_____ The City of Edgewood operates a police force which consists of seven fulltime and eight reserve officers. Maintenance of this police force is addressed in the Capital Improvements Element.~~

~~8. Water Resources:~~

~~_____ The City of Edgewood receives its potable water supply from the Orlando
_____ Utilities Commission (OUC). The City will continue to coordinate with OUC
_____ for the provision of potable water and will encourage water conservation.~~

~~9. Coastal and Marine Resources:~~

~~_____ There are no coastal areas or marine resources within or adjacent to the
_____ City.~~

~~10. Natural Systems and Recreational Lands:~~

~~_____ The City has almost no natural systems and no recreation areas; however,
_____ all wetlands within the City are protected by the policies of this plan.~~

~~11. Air Quality:~~

~~_____ Air quality within the City is considered to be good at the present. The
_____ City of Edgewood will coordinate with the County and FDER to minimize air
_____ quality impacts within the City.~~

~~12. Energy:~~

~~_____ The City of Edgewood is a minimal user of energy. The City will coordinate its
_____ primary type of energy use with the supplier of that service.~~

~~13. Hazardous and Nonhazardous Materials and Waste:~~

~~_____ All solid waste removal is by franchised hauler. The plan contains policies
_____ designed to regulate the storage and disposal of hazardous materials and waste.~~

~~14. Mining:~~

~~_____ There are no commercially valuable minerals within the city.~~

~~15. Property Rights:~~

~~_____ The City of Edgewood does not propose any rules or ordinances that constitute a
_____ taking of property.~~

~~16. Land Use:~~

~~_____ The City of Edgewood encourages infill development. This policy optimizes the
_____ use of existing infrastructure and minimizes the requirement for addition facilities
_____ and services to support growth.~~

~~17. Downtown Revitalization.~~

~~There is no discernible downtown.~~

~~18. Public Facilities.~~

~~The City of Edgewood has proposed policies in the plan designed to protect existing public facilities. The adoption of the infill concept minimizes the need for additional public facilities, thereby releasing more of the available funds for maintenance of existing facilities.~~

~~19. Cultural and Historical Resources.~~

~~There are no areas within the City that have been designated as historically significant. The City has included policies in the plan calling for the identification and protection of historic resources.~~

~~20. Transportation.~~

~~The City of Edgewood coordinates its transportation needs through the Orlando Urban Area Metropolitan Planning Organization.~~

~~21. General Government.~~

~~Policies in the plan call for the City of Edgewood to coordinate with Orange County, the Department of Transportation, the Orange County School Board and neighboring cities.~~

~~22. The Economy.~~

~~The City of Edgewood has included policies in the plan designed to encourage commercial and business enterprises to locate or expand their operations within the City.~~

~~23. Agriculture.~~

~~The City of Edgewood has included policies in the plan designed to provide an adequate supply of land area for all land uses while retaining that land area which is ideally suited for agricultural purposes to remain in that land use category. This land use category allows the landowner a variety of uses for the land and does not restrict future uses of the land.~~

~~24. Tourism.~~

- ~~_____ There are no tourist-related activities located within the City of Edgewood at the~~
- ~~_____ present. The plan allows for such uses and facilities.~~

~~25. Employment.~~

- ~~_____ The plan places no impediments upon employment. Conversely, the plan~~
- ~~_____ facilitates all forms of economic endeavor which would encourage or result in~~
- ~~_____ employment opportunities.~~

~~26. Plan Implementation.~~

- ~~_____ The plan exceeds all state and regional requirements for implementation.~~
- ~~_____ Significantly, requirements are established for citizen participation (advisory~~
- ~~_____ boards), planning agencies, city officials and the general public. Review and~~
- ~~_____ evaluation is an important phase of the plan and includes mid-year review of the~~
- ~~_____ Capital Improvements Program and its 5-Year Schedule of Improvements.~~

Concurrency Management System

General Requirements

To ensure that facilities and services needed to support development are available concurrent with the impacts of such development, the City of Edgewood must adopt a concurrency management system. Prior to the issuance of a development order and development permit, the concurrency management system must ensure that the adopted level of service standards required for roads, potable water, wastewater, solid waste, drainage and recreation will be maintained.

The concurrency management system consists of adopted level of service standards for the facilities and services listed above. Also included are the minimum requirements for concurrency, including guidelines for interpreting and applying level of service standards to applications for development orders and permits as well as determining the point in time at which the test for concurrency must be met.

The City's Concurrency Management System

The policies in the Future Land Use, Public Facilities and Capital Improvements Elements have been revised to satisfy the requirements for a concurrency management system as outlined in 9J-5.0055(2). The adopted concurrency management system establishes a framework through which the City will work with the various entities providing services and facilities within the City to ensure that prior to the issuance of a development order and development permit, public facilities and services will be available and maintained at the adopted level of service standards. The concurrency management system takes into account that the latest point in the application process for the determination of concurrency is prior to the approval of an application for a development order or permit that contains a specific plan for development, including densities and intensities of development.

Policies in the Comprehensive Plan that Address Concurrency:

Policies 1.1.3, 1.4.4, 1.4.5, 2.1.1 (roads), Objective 2.3, Policies 2.3.1 and 3.1.8, Objective 4.1, Policies 4.1.1 (LOS for all public facilities), 4.4.3 (wastewater), 4.15.1, 4.15.2 (water), 4.19.2 (solid waste) and 6.1.3 (parks).

Policy 1.1.3 No development order or permit shall be approved unless the developer .006(3)(c) obtains letters from the applicable public facility providers guaranteeing and .0055 that sufficient public facilities are available concurrent with the impact of development that are consistent with the level of service standards adopted as part of the Comprehensive Plan and identified in the Capital Improvements Element.

Policy 1.4.4 Developers shall assess their needs for essential services (electricity, gas, etc.) and seek confirmation of future availability from appropriate utility suppliers. Confirmation should be provided by the utility during the planning stages of development, before the issuance of a development order.

Policy 1.4.5 The City Clerk will coordinate with public utilities that provide essential services and develop guidelines to assure continuity and availability of service.

Policy 2.1.1 The City shall maintain for the purpose of issuing building permits and 007(3)(C)1. development orders the following minimum peak hour levels of service (LOS) for each of the following roadway facilities:

Roadway	Functional Classification	Minimum LOS
Orange Ave. (at Holden) (SR 527)*	Principal arterial	Current operating level (35,961 ADT) plus 15%
Orange Ave. (at one-way pair) (SR 527)*	Principal arterial	Current operating level (22,996 ADT) plus 15%
Hansel Ave. (SR 527)*	Principal arterial	Current operating level (19,516 ADT) plus 15%
Gatlin Ave.	Urban collector	LOS E
Holden Ave.**	Urban collector	Current operating level (14,000 ADT) plus 15%

*The City will work with FDOT to have these roads designated as backlogged facilities.

**This road is designated as a backlogged facility.

If the roadway's level of service is below the adopted minimum standard, or if a proposed development would cause the levels of service to fall below the standard, then no new development impacting that roadway shall be permitted unless mitigative measures are undertaken which result in the minimum level of service being maintained.

OBJECTIVE 2.3: Development shall bear the full burden of the cost of roadway improvements necessitated by impacts to the roadway network that are caused by traffic generated by that development.

Policy 2.3.1 The principle of equitable cost participation shall be used in the following manner as a guide in development approval decisions, including allocation of costs among private parties benefiting from or creating the need for transportation improvements:

- A) ~~New development being required to pay its fair share as a condition for development approval, based on impact fees, special assessments or other local exaction methods. Ordinances to enact these methods shall be in place by 1991 (if not already in place).~~
- B) ~~Existing unmet needs being identified, to include an assessment of the need and estimated cost of fulfillment. This shall be accomplished on an annual basis.~~
- C) ~~Existing land uses and activities that benefit from better access being required to participate in the cost of the roadway improvement in the form of user fees or special assessments. New construction located on land improved with better access may be required to pay a pro-rata share of the cost.~~
- D) ~~Provisions being made in development orders to include the mitigation of adverse impacts on the state highway system.~~

~~Policy 3.1.8 The City will review and revise its Land Development Regulations .010(3)(c)3. by 1991 to reduce the cost of new construction for developments which target low and moderate income housing needs. These revisions of the code shall maintain suitable standards to protect the health, safety, and welfare of the City's residents. Revisions to the LDRs will include streamlining of regulations and procedures. Under the streamlined procedures, the City would require that facility commitments be submitted concurrent with permit applications. Commitments would be required from the following service providers:~~

~~Potable Water: Orlando Utilities Commission
Wastewater: Orange County
Solid Waste: Orange County
Transportation: Orange County~~

~~OBJECTIVE 4.1: By one year from Plan submission, the City will implement .011(2)(b)2. procedures to ensure that at the time a development permit is issued, adequate facility capacity is available or will be available when needed to serve the development.~~

~~Policy 4.1.1: The following level of service (LOS) standards are hereby adopted, and .011(2)(c)2 shall be used as the basis for determining the availability of facility capacity and the demand generated by a development. Methods for determining available capacity and demand should incorporate peak demand coefficients for each facility and each type of proposed development. (same as Capital Improvements Element Policy 9.3.1)~~

POLICY 4.1.1
LOS STANDARDS FOR EDGEWOOD PUBLIC FACILITIES
(Comprehensive Plan Elements contain detailed analyses
of levels of service standards)

<u>FACILITY</u>	<u>LOS STANDARD</u>
-----------------	---------------------

WASTEWATER TREATMENT PLANT	(a) 300 gpd per equivalent residential connection
Orange County	(b) quality of treatment is in compliance with FDER effluent parameters

DRAINAGE
Edgewood and Orange County

_____ Drainage LOS

_____ all storms are a 24-hour duration

<u>Facility</u>	<u>Design Storm</u>
-----------------	---------------------

Bridges	50-year
Canals, ditches or culverts for drainage external to the development	25-year
Cross drains, storm sewers	10-year
Roadside swales for drainage internal to the development	10-year
Detention basins	25-year
Retention basins (no positive outfall)	100-year

On-site stormwater management = retention of the first one inch of rainfall runoff for areas greater than 1 acre. Areas less than 1 acre 1/2 inch is required.

DRAINAGE con't.

Stormwater quantity = post development stormwater runoff flow rates, quantities, peaks, and velocities shall be equal to or less than levels which existed prior to development

Stormwater quality — no degradation of existing water quality
— conditions in receiving waterbodies
— below the minimum conditions
— necessary to ensure the suitability of
— the water for the designated use of its
— classification as established in Ch. 17
— 302, F. A. C.

POTABLE WATER

Orlando Utilities Commission — City of Edgewood
— 300 per equivalent residential
— connection

LOS based on City of Orlando — Note: Edgewood does not have
Comprehensive Plan, (1990) — storage facilities for potable
Potable Water Element: — water.

SOLID WASTE

Disposal: — Orange County Landfill
— Edgewood Contribution Rate: — 6.1 lbs per capita per day

Collection: — Edgewood (franchise) — two/week, each
— household

Policy 4.4.3 — Developers will be required to obtain a letter from Orange County
— guaranteeing wastewater service before a development order will be
— issued by the City.

Policy 4.15.1 — The City will coordinate with the Orlando Utilities Commission to establish
011 (2)(c)2 — a potable water agreement that will include all necessary legal
— requirements, rates, service area specifications and relevant
— information pertinent to the provision of potable water service to the
— residents of Edgewood.

Policy 4.15.2 — The City will continue to require that development projects must obtain
— approval for potable water service from the Orlando Utilities
— Commission before a development permit may be issued.

Policy 4.19.2 — The City will evaluate the impact of proposed land development
011(2)(c)2 — projects on the collection system.

~~Policy 6.1.3 The adopted level of service for recreation and open space areas .014(3)(c)4. for in Edgewood is set as the same as Orange County.~~

~~Guidelines for Interpreting and Applying Level of Service Standards~~

~~Level of Service standards shall be applied on the following basis:~~

- ~~1) Traffic Circulation: For all roads directly impacted by the project, the City will require the developer to complete a traffic study based on accepted traffic engineering methodology. The study will show traffic levels generated by the project and the impact on the traffic circulation system and current LOS. If the traffic generated by the project exceeds the adopted LOS, no permit will be issued unless the developer enters into an agreement to improve the impacted roadway or roadways to an acceptable LOS.~~
- ~~2) Potable Water: Per established geographic service area as defined by Orange County.~~
- ~~3) Wastewater: Per established geographic service area as defined by Orange County.~~
- ~~4) Solid Waste: County-wide.~~
- ~~5) Drainage: Site-specific.~~
- ~~6) Recreation Facilities: Per established geographic service area as defined by Orange County.~~

~~[The concurrency management system should be implemented by ordinance and not in the Comprehensive Plan.]~~

List of Acronyms and Abbreviations

CIE - Capital Improvements Element
DCA - Department of Community Affairs
ECFRPC - East Central Florida Regional Planning Council
EPA - Environmental Protection Agency
FDACS - Florida Department of Agriculture and Consumer Services
FDER ~~FDER~~ - Florida Department of Environmental Regulation Protection
FDNR - Florida Department of Natural Resources
FDOT - Florida Department of Transportation
FEMA - Federal Emergency management ~~Management~~ Agency
FGFWFC - Florida Game and Freshwater Fish Commission
FHA - Federal Housing Administration
FIRM - Flood Insurance Rate Map
FLUCCS - Florida Land Use and Cover Classification System
FNAI - Florida Natural Areas Inventory
FSUTMS - Florida Standard Urban Transportation Modeling System
HUD - Housing and Urban Development
IFAS - Institute of Food and Agricultural Sciences
LPA - Local Planning Agency
LOS - Level of Service
MPO - Metropolitan Planning Organization
MSA - Metropolitan Statistical Area
MUTCD - Manual of Uniform Traffic Control Devices
NFIP - National Flood Insurance Program
OCEPD - Orange County Environmental Protection Department
OOCEA - "Orlando Orange County Expressway Authority
OUATS - Orlando Urban Area Transportation Study
OUC - Orlando Utilities Commission
SCS - Soil Conservation Service (U.S.)
SJRWMID - St . Johns River Water Management District
SWIM - Surface Water Improvement Management
TIP - Transportation Improvement Program
USFWS - U. S . Fish and Wildlife Service

CITY OF EDGEWOOD
COMPREHENSIVE PLAN

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VOLUME II
DATA AND ANALYSIS

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Prepared By:

Edgewood City Council
with technical assistance provided by the
East Central Florida Regional Planning Council/Florida Engineering Group, Inc.,
December/January, 1994/2013

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CITY OF EDGEWOOD
COMPREHENSIVE PLAN BACKGROUND ANALYSIS

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INTRODUCTION

The City of Edgewood Comprehensive Plan has been developed pursuant to the Local Government Comprehensive Planning and Land Development Regulation Act, Chapter 163, Florida Statutes, and Chapter 9J-5, Florida Administrative Code, Minimum Criteria for Review of Local Government Comprehensive Plans. The Plan is designed to provide policy direction for the City over the next fifteen-twenty- year period.

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Volume I consists of Goals, Objectives and Policies for the eight required elements, procedures for monitoring and evaluation, and documentation of plan consistency with the State Comprehensive Plan. Accompanying maps describing the Future Land Use and Future Traffic-CirculationTransportation have also been included.

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Volume II consists of the Comprehensive Plan Background Analysis. Each of the plan elements is based on an extensive analysis that describes existing and future conditions and a needs assessment developed in response to the demands anticipated from the projected population growth. The Comprehensive Plan Background Analysis is a support document presented under separate cover from Volume I: Comprehensive Plan Goals, Objectives and Policies.

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A Note About Revisions to the
Proposed Edgewood Comprehensive Plan

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City of Edgewood
Future Land Use Element

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INTRODUCTION

Purpose

The purpose of the Future Land Use Element is to set forth a desirable spatial arrangement for the major categories of land deemed necessary to support the projected population of the City over the next fifteen ~~twenty~~ years. The land use plan proposed in the element provides a guideline for future land use and establishes the standards and principles by which future development should take place.

As an element of the Comprehensive Plan, the land use element will present a development scenario that is supportive of and implements the goals and policies of the other Plan elements. The Future Land Use map ~~Map~~ is one means by which this is to be accomplished. The ~~M~~map should be recognized, however, as a graphic representation of the development direction proposed by the Plan and articulated through the goals and policies within this element. It is the policies and guidelines which are the basis for the Plan and provide the flexibility for its future use and interpretation.

The future land use proposals provided in this element result from consideration of community goals and objectives as expressed by the City. Additional consideration was given to existing development patterns, availability and future extension of community facilities and services and subsequent carrying capacity, and the capacity of the area's natural systems to support development. The proposals outlined in this element represent the most desirable trends based upon what can now be anticipated about future growth needs and demands.

DEVELOPMENT FACTORS

The determination of future land uses for Edgewood involved an inventory and analysis of the City's existing conditions and an evaluation of their potential effect on future land use needs. The analysis of development factors relating to natural features, development characteristics, vacant land use analysis and historic sites forms the basis upon which planning for future growth and development in Edgewood may proceed. A description of existing land uses and future development is presented below.

Existing Land Use Data

Existing land use data was collected for the City of Edgewood and for areas adjacent to the City boundary. This data will provide an up-to-date account of land use to be used

in all aspects of the local planning process. The data used to update the existing land use inventory was the Department of Revenue (DOR) codes assigned to each property by the Orange County Property Appraiser in 2012.

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Existing land use within the City of Edgewood and adjacent to its City boundary was mapped on a City zoning base map. Aerial photo interpretation and extensive windshield surveys were used to determine current land use on a parcel by parcel basis. The aerials used were produced by Real Estate Data, Inc. at a scale of 1:300' or 1:900' and are dated 1985-86. Land use was field verified by a windshield survey of every street within the City, bringing the land use information up to date during March, 1989.

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The land use classification system used was the Florida Land Use and Land Cover Classification System (FLUCCS) (see the following attachments). Urban land uses were classified at the detailed Level III, while rural agricultural uses were classified at Level II and natural resources were classified at the broader Level I classifications. Land uses on the existing land use map are depicted in colors representing the Level I or Level II classifications. Level III classifications are written in numerical code within each urban use polygon.

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Once the existing land use map was completed, it was electronically digitized through the East Central Florida Regional Planning Council's AutoCAD software program into a microcomputer system and a plot was made of the land use map. The resulting AutoCAD file was transferred to the ERDAS geographic information system for final calculation of acreages and for use in the analysis. For identifying acreage the 9J-5 categories of "educational uses," "public buildings and grounds," and "other public facilities" were grouped together into an "institutional" category of land use. This institutional category is then further interpreted into Level III classifications on the existing land use map. Below is a description of each land use category on the existing land use map.

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The existing land use data is up to date as of March, 1989, when the windshield surveys took place.

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**TABLE 1-1
EXISTING LAND USE 1989/2012
CITY OF EDGEWOOD**

Land Use	Acres	%
Residential, S.F. - Low Density	27.93	5.8%
Residential, S.F. - Medium Density	126.28	26.3%
Multi-Family, Low Rise	15.00	3.1%
Commercial and Services	104.40	21.8%
Industrial	11.51	2.4%
Communications/Utilities	6.95	1.5%
Institutional	0.80	0.2%
Transportation	66.42	13.8%
Open Land & Other	78.10	16.3%
Agriculture	13.44	2.8%
Water	24.83	5.2%
Wetlands	3.99	0.8%
Total	479.64	100.0%

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Totals and Percentages are based on non-zero points.

Existing Land Use	Acreage	Percent of Total
Residential	513.316	56.78%
Commercial	149.852	16.57%
Religious	8.319	0.92%
Institutional	1.301	0.14%

<u>Agricultural</u>	<u>40.817</u>	<u>4.51%</u>
<u>Vacant</u>	<u>41.986</u>	<u>4.64%</u>
<u>Water</u>	<u>54.46</u>	<u>6.02%</u>
<u>Assisted Living</u>	<u>1.101</u>	<u>0.12%</u>
<u>Non Ag acreage</u>	<u>30.005</u>	<u>3.32%</u>
<u>Public Facilities</u>	<u>5.199</u>	<u>0.58%</u>
<u>Vacant HOA Land</u>	<u>38.493</u>	<u>4.26%</u>
<u>Other/ROW</u>	<u>19.27</u>	<u>2.13%</u>
<u>Total</u>	<u>904.119</u>	<u>100%</u>

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TABLE 1-2
FLORIDA LAND USE AND COVER CLASSIFICATION SYSTEM
USED FOR CITY OF EDGEWOOD LAND USE MAPPING

Level III - Urban Uses

- 111 Single Unit, Low Density (less than 2 DUPA*)
- 112 Single Unit, Medium Density (2 up to 6 DUPA)
- 113 Single Unit, High Density (6 and over DUPA)
- 114 Mobile Homes, Medium Density (less than 6 DUPA)
- 115 Mobile Homes, High Density (6 and over DUPA)
- 116 Multiple Dwelling, Low-rise (2 stories or less) DUPA may be designated by user
- 117 Multiple Dwelling, High-rise (3 stories or more) DUPA may be designated by user
- 118 Mixed Residential
- 119 Residential Under Construction

- 121 Retail Sales and Services
- 122 Wholesale Sales and Services, Including Trucking and Warehousing (except warehousing associated with industrial use)
- 123 Offices and Professional Services
- 124 Hotels and Motels
- 125 Cultural and Entertainment
- 126 Oil & Gas Storage Facilities (except where associated with industrial use)
- 127 Mixed Commercial and Services
- 128 Commercial Under Construction

- 131 Light Industrial
- 132 Heavy Industrial
- 133 Industrial Under Construction

- 141 Airports, Including Runways, Parking Areas, Hangars, and Terminals
- 142 Railroads, Including Yards and Terminals
- 143 Bus and Truck Terminals
- 144 Major Roads and Highways
- 145 Port Facilities
- 146 Navigable Waterways
- 147 Auto Parking Facilities (when not directly related to another land use)
- 148 Oil & Gas Long Distance Transmission Pipelines
- 149 Transportation Facilities Under Construction

*DUPA = Dwelling Units per Acre

- 151 Electrical Power Facilities
- 152 Major Long Distance Transmission Lines
- 153 Broadcasting or Transmission Towers

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300 Rangeland

400 Forested Uplands

500 Water

600 Wetlands

Level II Barren Lands

740 Altered Lands

750 Extractive

760 Other Barren Lands

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TABLE 1-3
Definitions of Land Use Categories
Used in Land Use Mapping of Edgewood

Residential

Residential land uses range from high-density urban housing to low-density areas, with relatively few dwelling units per gross acre. The variation includes multi-family apartments found in the City's urbanized areas to those single-family houses sometimes having lot sizes of more than one acre.

Residential land uses were broken down into Level III categories to obtain densities required by Rule 9J-5, FAC. The following categories of residential land use can be found on the land use acreage table and on the map:

- Single Family Units, Low Density (less than 2 DUPN)
- Single Family Units, Medium Density (2 to 6 DUPA)
- Single Family Units, High Density (6 and over DUPA)
- Mobile Homes, Medium Density (less than 6 DUPA)
- Mobile Homes, High Density (6 and over DUPA)
- Multiple Family, Low Rise (2 stories or less)
- Multiple Family, High Rise (3 stories or more)
- Mixed Residential (where no one residential use is predominate)
- Residential Under Construction

*Dwelling Units Per Acre

Commercial and Services

Commercial areas are predominantly connected with the sale of products and services. This category is composed of a large number of individual types of commercial land use, often occurring as a complex mixture of uses.

The Commercial and Services category includes the main building, plus secondary structures and integral areas assigned to support the base unit. Included are sheds, warehouses, office buildings, driveways, parking lots, and landscaped areas.

Industrial

The Industrial category includes those land uses where manufacturing, assembly, or processing of products takes place. Included are facilities for administration and research, assembly, storage and warehousing, shipping and associated parking lots and grounds. Included are pulp or lumber mills, and electronic plants.

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Transportation

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The Transportation category encompasses rail-oriented facilities including stations, repair and switching yards and related areas.

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Airport facilities including runways, intervening land, service buildings, navigation aids, fuel storage, parking lots and a limited buffer zone fall within the Transportation category.

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Roadways are also included in this category, including local roads, major highways and highway interchanges. Auto parking facilities, when not related to another land use, are included in the Transportation category.

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Communications and Utilities

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The Communications and Utilities category embraces power generating facilities, water treatment plants, plus facilities that are used to transport water, gas, oil, electricity and airwave communications. Power transmission lines were not included. Small facilities, or those associated with an industrial, commercial or extractive land use, however, are included within the larger category with which they are associated. Drainage easements within the City, where identifiable, were included in this category.

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Public/Institutional

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Educational, religious, and health facilities are the main components of this category. Included within a particular institutional unit are all buildings, grounds and parking lots that compose the facility. Educational institutions encompass all levels of public and private schools, college, training centers, etc. The entire areas of buildings, campus open space, dormitories, recreational facilities and parking are included when identifiable. Governmental buildings are included in this category, as well as any government-owned maintenance and storage facilities. Health facilities include all public and private hospitals, health care facilities, nursing homes and emergency health care centers, but exclude private physician offices.

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Vacant/Undeveloped

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This category includes undeveloped land within urban areas and inactive land with street patterns but without structures. Open land does not exhibit any structures or intended use. Urban inactive land may be in a transitional state and ultimately be developed into one of the typical urban land uses, although at the time of the inventory the intended use was impossible to determine. Land with vacant buildings was classified under this land use category.

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Agricultural

In a broad sense, agricultural land may be defined as those lands which are cultivated to produce crops and livestock. The sub-categories of Agriculture are: Cropland and Pastureland; Orchards, Groves (except Citrus), Vineyards, Nurseries and Ornamental Horticultural Areas; Citrus Groves; Confined Feeding Operations; Specialty Farms; and Other Agriculture. For citrus groves, if new replants or surviving mature citrus trees were present with evidence of maintenance and caretaking, they were classified as "citrus groves". If the groves had only root stock grow back, they were classified as "other agriculture" since they will not be capable of producing a commercial citrus crop.

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Water

All areas of land that are persistently covered with water. Retention ponds may be included in this category.

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Wetlands

Wetlands are those areas where the water table is at, near, or above the land surface for a significant part of most years. The hydrologic regime is such that aquatic or hydrophytic vegetation usually is established, although alluvial and tidal flats may be nonvegetated.

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Wetlands are frequently associated with topographic lows. Examples of wetlands include marshes, emergent vegetative areas, and swamps. Shallow water areas with submerged aquatic vegetation are classed as Water and are not included in the Wetlands category.

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Floodplains

Floodplains are required by 9J-5 to be mapped on the existing land use map series. Delineation of the floodplain here is for general planning purposes only.

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Floodplains were mapped for the City of Edgewood as an overlay to the City base map. Hundred Year Flood Boundaries depicted on the Edgewood Flood Insurance Rate Map (FIRM) produced for the National Flood Insurance Program were used to delineate the 100-year floodplain. Most areas designated as 100-year flood boundaries were those for which base flood elevations and flood hazard factors had been determined.

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The FIRM map was the best available data on floodplains within the city limits. This information was published in 1978 and, therefore, may have been altered somewhat. Every effort will be made to adequately reflect such changes in the floodplain boundaries. The FIRM map was prepared for flood insurance purposes only at a scale of 1" to 1000', and does not necessarily show all areas subject to flooding in the community. Every effort was made to identify additional areas of flooding not portrayed on the FIRM map.

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Soils

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Soils data is required by Rule 9J-5 to be depicted on the existing land use map series. Current detailed soils data is available in the Orange County Soil Survey prepared by the Soil Conservation Service. This survey will be used in all analyses requiring the use of soils data.

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The Soils Map included as part of this element shows the major soil types in the City. The City of Edgewood soil types can be found on survey sheets #41 and #53 of the Orange County Soil Survey. The soils data found in the soil survey is the most accurate soil information available and is widely used in all areas of planning as a reliable source.

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Minerals

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Minerals are required to be mapped to help delineate areas of the City which may provide future mining sites with economic potential.

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The mineral deposits for the City will not be mapped due to the fact that those maps available as sources are at such a scale which precludes the transfer of such data to a City scale map. The mineral deposit maps used for data collection were derived from the Florida Mining Atlas: A Guide to Mined Resource Management. A list is attached of these minerals found in the City which may have mining potential.

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The data from the Florida Mining Atlas was the best available. The information was limited because it was mapped for the county as a whole and not for the City in particular. Other sources used were for the state as a whole and did not provide much municipal level data. They were used for general reference.

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There are no mineral deposits of major economic significance in the City. The Florida Department of Natural Resources, Bureau of Geology, Map Series No. 85 identifies only surface and near surface deposits of clayey sand. The variable quality and low volume of this material precludes its economic importance.

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Historic Resources

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Historic resources are required by 9J-5 to be shown on the existing land use map series. These sites should be considered in the formulation of local plan policies and in the development of the future land use map.

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Historic resources are defined as all areas, districts, or sites containing properties listed on the Florida Master Site File, the National Register of Historic Places, or designated by a local government as historically, architecturally, or archaeologically significant. Historic resources were identified through the Florida Master Site File, the National Register of Historic Places, and through interviews with the City Staff. The Florida Division of Historical Resources sent a county listing of all sites on both the Florida

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Master Site File and the National Register of Historic Places. Section, township and range were used to identify whether these sites were within the City's jurisdiction. There were no historic resources within Edgewood which were listed on the National Register of Historic Places. There was one site listed on the Florida Master Site File: the Lake Jennie Jewel archaeological site. The site was added to the list in 1976, and its status was listed at that time as "open to development". The site has since been developed.

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Not all historically significant sites in Florida are on the National Register or the Florida Master Site File. The sites on the Florida Master Site File are those for which data have been collected and reported to the state. They have not necessarily been determined to be historically significant. The sites on the National Register have been determined to be highly significant. And there may be other sites not on these lists which do have historical significance, but have not been reported to the state. There are several homes in the city that are over 50 years old. These may have some historical significance.

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Conservation Areas

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A conservation area is considered to be an area officially designated for the purpose of conserving or protecting natural resources or environmental quality and which is protected from further development for such purposes.

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There are no designated state or federal conservation areas within the city limits of Edgewood. In addition, the City has not designated any local conservation areas within its jurisdiction. Therefore, no conservation areas are to be mapped for Edgewood.

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Existing and Planned Waterwells

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Existing and planned waterwells and their cones of influence are required by Rule 9J-6 to be mapped on the existing land use series. The waterwells include wells excavated, drilled, dug, or driven for the supply of industrial, agricultural or potable water for general public consumption.

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There are no existing or planned waterwells within the City of Edgewood. The residents of the City receive public potable water supply from the Orlando Utilities Commission. According to the South Florida Water Management District, there are no permitted industrial or agricultural waterwells within Edgewood.

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ANALYSIS

The City of Edgewood is a small community of approximately 1160-2500 people located a few miles south of an urban area of Orlando Orange County. The predominant land uses within the City are residential and commercial, representing 73.35% of all non-vacant land. Future development will continue to be residential and commercial. Below is an analysis of the vacant land in the City and its potential for development, followed by an analysis of the future land use need for the City's projected population.

Vacant/Undeveloped Land Area

Open/vacant space Vacant lands presently makes up approximately 174.64% of the City (78.1 approximately 42 acres). The majority of this land has been neither platted nor subdivided and lies alongside the Seaboard Coast Line railroad corridor. Undeveloped land within Edgewood is shown as Land Use Classification #191 on the Existing Land Use Map.

Soils and Topography

Although soils in Edgewood do not necessarily need protection, underlying soil can constrain development. The Orange County Soil Conservation Survey designates soil limitations for certain types of development. Soil constraints are rated with respect to four land use areas: septic tank absorption fields, dwellings without basements, low commercial buildings, and roads and streets. Each soil is rated as favorable or unfavorable for development. Favorable conditions are defined as those that allow development without major constraints, such as a high water table. Unfavorable conditions are defined as those that have one or more major constraints to overcome, thus having a lower potential rating for development. Soil potential is defined as the ability of the soil to produce, yield or support a given structure or activity.

Soils in Edgewood tend to be sandy and relatively infertile. Most of the soil varieties present in the City that have not become part of the Urban Land Complex do not have very good natural drainage features. There are almost no crops in the City, thus obviating the need to include agricultural soils. (There is still one small area of citrus grove in Edgewood; it is located in an area only mildly suited to its growth.) The Soils Map included in this element shows the major soil types in the City. A summary of these soils can be found in Table 1-42.

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Table 1-42
Soil Types

Type	Symbol
Basinger fine sand	3
Candler - Urban land complex	7 and 8
Hontoon Muck	19
Lochloosa fine sand	22
Millhopper - Urban land complex	24
Seffner fine sand	43
Smyrna - Urban land complex	45
Tavares - Urban land complex	48
Urban Land	50
Zolfo - Urban land complex	55

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Source: Orange County Soil Survey.

As stated above, most of the soils in the City do not have very good natural drainage features. The Orange County Soil Survey rates the soils in Edgewood as having slight to severe limitations for septic tanks. Generally, the soils in the northern half of the City have only slight to moderate limitations for septic tanks, while the soils in the southern half of the City have more severe limitations. Approximately half of the City is served by septic tanks, while the remainder is hooked up to central wastewater. The areas served by septic tanks are located throughout the City. The City will not allow new development to use septic tanks; all new development will be required to hook up to the central wastewater system.

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Most of Orange County is nearly level. The topography of Edgewood is relatively flat, ranging from 85 to 110 feet above sea level. The City borders on several lakes of varying size, but the elevation gradient is not worthy of note. The topography in Edgewood does not result in development constraints.

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Natural Resources

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Natural resources in Edgewood that should be protected from development consist of the wetlands surrounding the City's lakes. These wetlands will be protected in the policies of this plan as lakefront buffer. There are no known commercially valuable resources within Edgewood with the possible exception of clayey sand; the economic importance of this is at best limited due to its variable quality and low volume.

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Historic Resources

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There is only one historic site within Edgewood listed on the Florida Master Site File; the Lake Jennie Jewel archaeological site. This site has already been developed. Several

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homes in Edgewood are over 50 years old and may have some historical significance. The City should assist the owners of these properties to submit applications for these homes to the Florida Master Site File. The City should also consider the preservation of any historic homes when permitting future development.

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Future Land Use Need

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1. Future Residential Land Use

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Most of the work necessary to determine the amount of space needed for residential development was carried out in the Edgewood population projections (see Appendix A Housing Element). In these projections it was determined that as many as 275

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residential units could be constructed in the City, with a more realistic figure being around 220. This results in a land usage of 2,635,950 sq. ft. or approximately 61 acres. The average household size used for these estimates was a conservative 2.15. However, following this projection would mean that 83% of all presently vacant land would be used for residences, a very large estimate by any means.

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Based on the population projections, it was determined that an additional inventory of 274 housing units will be needed over the twenty-year planning period.

Residential densities will be established as follows:

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Low Density Residential: up to 4 units per acre

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Medium Density Residential: 4-7 units per acre

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High Density Residential: 7-16 units per acre

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Because the City is predominantly built-out with only 4.64% of vacant land, additional housing stock will likely come through a combination of using existing sites that have an agricultural use to develop as residential or through conversion and redevelopment of existing properties.

2. Future Commercial/Services Land Use

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Approximately 100-150 acres of the City is in commercial use. This total is expected

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to increase by 2005 by approximately 20 acres to accommodate the needs of the projected population. Commercial intensities shall be established by floor area ratio (FAR). Floor area ratio specifies the relationship between the area of permitted floor space in a structure and the area of the lot on which it is situated. A floor area ratio of 0.5 allows (for example) a one-story building that covers one half of the lot or a two-story building that covers one quarter of the lot. The maximum commercial intensity for the City of Edgewood shall be 0.5 FAR to be maintained as the commercial corridor is defined adjacent to Orange Avenue.

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3. Future Institutional Land Use

Only one fifth of one 14% percent is presently devoted to Institutional use within Edgewood. There will be no increase in institutional use within Edgewood during the planning period. There is an education facility just off Edgewood's southeast corner and a religious facility found on the northwest corner, but neither of these land uses is likely to expand into Edgewood itself.

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4. Future Recreation and Open Space Land Use

There is presently no space being used as Parkland within Edgewood and there is no anticipation that any space will be allocated for such use in the future. City residents presently utilize nearby district or local parks and open areas if they desire. Their ability to do this will be greatly enhanced when Orange County constructs a large park just west of the City.

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5. Future Agricultural Land Use

Edgewood's agricultural land, about 34.5% (12-53 acres) of the City's total land, consists entirely of citrus groves. However, most of these groves have been killed by the recent freezes. This percentage of groves in the City will not increase in the future; in fact, it is possible likely that the existing citrus groves agricultural properties will be converted to other uses.

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6. Future Conservation and Historic Land Uses

No conservation uses presently exist within Edgewood and there is no indication that this situation will change in the future. The City should determine whether any homes in the City can be considered historic resources and take actions to preserve these properties. The only site listed on the Florida Master Site File is the Lake Jennie Jewel archaeological site, which has already been developed.

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7. Renewal of Blighted Areas

Edgewood has no blighted areas. The citrus grove across from City Hall was killed in the December 1989 freeze, but this area has been replanted and is being maintained.

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8. Flood Areas

Most of the flood-prone areas in Edgewood are residential and sit on the perimeter of Lake Jennie Jewel, Lake Gatlin, and Little Lake Conway on the northern and eastern borders of the City. The single worst threat of flood comes from Lake Jessamine to the City's west. Both the 100 and 500 year flood boundaries are wider than anywhere else in Edgewood. No development will be allowed in the 100-year floodplain.

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TRAFFIC CIRCULATION TRANSPORTATION ELEMENT
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City of Edgewood
Traffic Circulation Transportation Element

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PURPOSE AND SCOPE

The purpose of the Traffic Circulation Transportation Element is to guide the City in developing a safe and efficient transportation system, based on the City's future land use plans, and consistent with the community Goals and Objectives. Secondly, this element will help to ensure consistency among the Transportation Plans of Edgewood, Orange County, and the State of Florida.

STANDARDS

Transportation planning decisions have a major impact on growth patterns within a city. The improvement of existing roads, and the construction of new facilities act to change overall travel patterns in ways that not only affect immediate individual land use decisions, but also eventually influence entire land use patterns. Due to this inherent relationship, development of the Traffic Circulation Transportation Element of the Comprehensive Plan should be closely coordinated with development of the Future Land Use Element, reflecting the access and travel needs of any proposed new or revised land uses.

The Transportation Planning Process

The methods used to develop the Traffic Circulation Element of the Edgewood Comprehensive Plan are part of a transportation planning process that should be a continuous effort. A general outline of this overall planning process is described by the following steps:

- 1) Research previous transportation planning and analysis efforts.
- 2) Identify and evaluate the current status of the transportation system.
- 3) Identify community goals and objectives regarding transportation.
- 4) Identify constraints imposed on the transportation system.
- 5) Determine current and future transportation improvement needs.
- 6) Propose alternative solutions.
- 7) Evaluate and choose alternative solutions.
- 8) Prepare a detailed implementation and funding plan, and include within the

Transportation Improvement Program (TIP).

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9) Implement the transportation plan.

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10) Systematically review and update the transportation plans.

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This Traffic Circulation Element addresses several of these items. A more complete study is recommended which will address the complete planning process.

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Transportation Systems Planning Principles

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In preparing alternative potential transportation systems to serve projected travel demand, a number of general items should be considered. The broad categories of factors influencing local transportation planning include:

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- o Existing facilities
- o Current and future land uses being served
- o Local terrain
- o Financing
- o Travel characteristics of the local population
- o Travel patterns dictated by the character of the surrounding areas

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In designing the actual transportation system, it is important to maintain flexibility, both by providing alternative routes and travel modes and in allowing for additions and modifications to the system. The following principles should be kept in mind while preparing the transportation plan:

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o Provide many alternative travel paths, while keeping traffic conflicts to a minimum

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o Maintain system continuity, providing smooth and logical traffic flow patterns

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o Reflect land use access requirements

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o Consider mass transit service, bicycle travel, and pedestrian safety

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o Pay special attention to freeways and interchanges

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o Consider one-way street systems

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o Provide for traffic signal coordination

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o Provide for future modification and expansions

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o Ensure environmental compatibility

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TRAFFIC CIRCULATION PLAN

In order to conduct a traffic circulation plan it is necessary to identify the main components of the network and to assess the general operating conditions of the existing transportation network. This portion of the traffic circulation element of the Edgewood comprehensive plan will, in compliance with 9J-5, address the following variables:

1. classification of the roadways
2. number of lanes
3. existing levels of service
4. existing needs
5. peak hour traffic volumes

A description of levels of service are as follows:

Levels of Service

The concept of levels of service is defined as a qualitative measure describing operational conditions within a traffic stream and their perception by motorists and/or passengers. A level-of-service definition generally describes these conditions in terms of such factors as speed and travel time, freedom to maneuver, traffic interruptions, comfort and convenience, and safety.

Six levels of service are defined for each type of facility for which analysis procedures are available. They are given letter designations, from A to F, with level-of-service A representing the best operating conditions and level-of-service F the worst.

Level-of-service - In general, the various levels of service are defined as follows for uninterrupted flow facilities:

*Level-of-service A represents free flow. Individual users are virtually unaffected by the presence of others in the traffic stream. Freedom to select desired speeds and to maneuver within the traffic stream is extremely high. The general level of comfort and convenience provided to the motorist, passenger, or pedestrian is excellent.

*Level-of-service B is in the range of stable flow, but the presence of other users in the traffic stream begins to be noticeable. Freedom to select desired speeds is relatively unaffected, but there is a slight decline in the freedom to maneuver within the traffic stream from LOS A. The level of comfort and convenience provided is somewhat less than at LOS A, because the presence of others in the traffic stream begins to affect individual behavior.

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*Level-of-service C is in the range of stable flow, but marks the beginning of the range of flow in which the operation of individual users becomes significantly affected by interactions with others in the traffic stream. The selection of speed is now affected by the presence of others, and maneuvering within the traffic stream requires substantial vigilance on the part of the user. The general level of comfort and convenience declines noticeably at this level.

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*Level-of-service D represents high-density, but stable, flow. Speed and freedom to maneuver are severely restricted, and the driver or pedestrian experiences a generally poor level of comfort and convenience. Small increases in traffic flow will generally cause operational problems at this level.

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*Level-of-service E represents operation conditions at or near the capacity level. All speeds are reduced to a low, but relatively uniform value. Freedom to maneuver within the traffic stream is extremely difficult, and it is generally accomplished by forcing a vehicle or pedestrian to "give way" to accommodate such maneuvers. Comfort and convenience levels are extremely poor, and driver or pedestrian frustration is generally high. Operations at this level are usually unstable, because small increases in flow or minor perturbations within the traffic stream will cause breakdowns.

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*Level-of-service F is used to define forced or breakdown flow. This condition exists wherever the amount of traffic approaching a point exceeds the amount which can traverse the point. Queues form behind such locations. Operations within the queue are characterized by stop-and-go waves, and they are extremely unstable. Vehicles may progress at reasonable speeds for several hundred feet or more, then be required to stop in a cyclic fashion. Level-of-service F is used to describe the operating conditions within the queue, as well as the point of the breakdown. It should be noted, however, that in many cases operation conditions of vehicles or pedestrians discharged from the queue may be quite good. Nevertheless, it is the point at which arrival flow exceeds discharge flow which causes the queue to form, and level-of-service F is an appropriate designation for such points.

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These definitions are general and conceptual in nature, and they apply primarily to uninterrupted flow. Levels of service for interrupted flow facilities vary widely in terms of both the user's perception of service quality and the operational variables used to describe them.

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Functional roadway classification is defined as the assignment of roads into systems according to the character of service they provide in relation to the total road network. Basic functional categories include arterial roads, collector roads and local roads which may be subdivided into principal, major or minor levels. Those levels may be additionally divided into rural and urban categories. Within Edgewood, two minor arterials and one principal arterial were identified (see the Existing Traffic Circulation Map). Roadway classifications are defined as follows:

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ARTERIAL ROAD - A route providing service which is relatively continuous and of relatively high traffic volume, long average trip length, high operating speed and high mobility importance. In addition, every United States numbered highway is an arterial road.

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URBAN PRINCIPAL ARTERIAL ROAD - Routes which generally serve the major centers of activity of an urban area, the highest traffic volume corridors, and the longest trip purpose and carry a high proportion of the total urban area travel on a minimum of mileage. The routes are integrated, both internally and between major rural connections.

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URBAN MINOR ARTERIALS - Routes which generally interconnect with, and augment, urban principal arterial routes and provide service to trips of shorter length and a lower level of travel mobility. Such routes include all arterials not classified as "principal" and contain facilities that place more emphasis on land access than the higher system.

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COLLECTOR ROAD - A route providing service which is of relatively moderate average traffic volume, moderately average trip length, and moderately average operating speed. Such a route also collects and distributes traffic between local roads or arterial roads and serves as a linkage between land access and mobility needs.

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LOCAL ROAD - A route providing service which is of relatively low average traffic volume, short average trip length or minimal through-traffic movements, and high land access for abutting property.

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The classification of the roadways was obtained from the Florida Department of Transportation (FDOT) office in Winter Park. FDOT currently is classifying all roadways in the state which are classified as collector roads or higher in compliance with 355.04 F.S.

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The number of lanes were obtained from the aforementioned worksheets from FDOT and from field surveys. The number of lanes noted are for the predominant lanage for the roadway.

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Average Daily Trips were obtained from three sources: a study by Barton and Aschman Associates, FDOT, and Orange County.

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Existing levels of service were determined by comparing the peak hour traffic counts with capacity tables. The capacities utilized are generalized capacities supplied from the Florida Department of Transportation. These capacities were calculated through methods in the 1985 Highway Capacity Manual and based upon conditions found in the State of Florida. Capacities and assumptions are found in Attachment A. The Existing Traffic Circulation Map illustrates roadway capacities for existing conditions.

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The following is general description of roadway characteristics in the City of Edgewood and current levels of service.

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Existing Traffic Circulation Conditions (1989)

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Of the three major roadways in the City, only S.R. 527 is operating at an unacceptable level of service, as can be seen below.

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Orange Avenue (SR 527) is an undivided, five lane, principal arterial which runs north-south through the middle of the City. At a point south of Stratemeyer Dr. it becomes one way southbound with Hansel Ave. being the northbound component. The road is maintained by the FDOT. Peak hour traffic count:

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- northbound at Gatlin Ave is 2018 and southbound is 1685; this yields a LOS "F".

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- southbound at Oakridge Rd. is 1860; this yields a LOS "F".

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Hansel Avenue is a two lane, one way northbound, principal arterial with Orange Ave. as its southbound component. The road is maintained by the FDOT. Peak hour traffic count:

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- northbound at Oakridge Rd. is 2280; this yields a LOS "F".

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Holden Avenue is a two lane, undivided collector street which runs east-west and terminates at Orange Ave. from the west. The road is maintained by Orange County. Peak hour traffic count:

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- eastbound is 482; this yields a LOS "D".

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- westbound is 518; this yields a LOS "D".

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Gatlin Avenue is a two lane, undivided collector street which runs east-west and terminates at Orange Ave. from the east. The road is maintained by Orange County. Peak hour traffic count:

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- eastbound is 734; this yields a LOS "E".

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- westbound is 373; this yields a LOS "C".

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Accident frequency data was obtained from the Florida Department of Transportation (FDOT) for the year 1990. In that year, 42 accidents were recorded on S.R. 527 through Edgewood. FDOT uses accident frequency data to calculate a "safety ratio" for each roadway. The purpose of calculating this ratio is to concentrate "on locations that are most likely to have a high priority for corrective action." The safety ratio is the actual accident rate divided by the critical accident rate. A high accident segment has a safety ratio greater than 1.0. The safety factor for the segment of S.R. 527 running through Edgewood was 0.766; therefore, this segment of S.R. 527 is not considered a high accident location. Accident frequency data for the remainder of the roadways in the City was not available from either the City of Edgewood Police Department or FDOT.

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FUTURE ANALYSIS METHODOLOGY

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An analysis for 2000 and for 2005 was conducted to ascertain levels of service for roadways in Edgewood. The following paragraphs address the methodology employed for the analysis.

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Methodology for Traffic Projections

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1. For commercial land uses, Table 5 from the population projections was used to determine the amount of vacant buildable land in the City and the designated land use of that land. The maximum intensity for commercial use in the City is .60 floor area ratio (F.A.R). However, a representative sample of building permits issued over the past several years showed that the commercial parcels are not generally developed at this intensity. So for purposes of this projection, the potential square footage of commercial space at buildout was estimated using 0.35 FAR. (columns A, B, and C)

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2. Using a formula from the ITE manual, the number of daily trips that would be generated by the commercial property was projected (column D). The formula is as follows:

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$$\ln(T) = 0.625\ln(X) + 5.985 \text{ (where T = trips and X = square feet in thousands)}$$

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3. A 2 percent reduction for modal split was taken, as Edgewood has bus service within the City. (column E)

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4. The traffic numbers were further reduced to account for passerby trips. This estimate was made using information taken from Orange County's Transportation Impact Fee Study. The reductions are shown in column F. The resulting commercial traffic numbers are contained in column G.

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5. In order to estimate the traffic generated by the residential land in the City, the number of residential units was multiplied by trips per unit to arrive at average daily trips. Reductions for modal split were taken in the same manner as for commercial.

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6. A reduction for internal capture was taken for both residential and commercial. For residential, a 5.75 percent internal capture rate (ICR) was used; a 14.3 percent ICR was used for commercial. These percentages were derived as follows:

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According to the QUATS 2005 update, 11.5% of home based trips and 28.6% of non-home based trips were satisfied within 5 minutes. Half of these percentages were used to represent the impact of internally captured trips on the network.

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There is one improvement listed in the Orlando Urban Area Transportation Improvement Program (TIP) within Edgewood: installation of traffic signals at the intersection of Orange Avenue and Mary Jess Road. This TIP improvement is noted in the analysis, but the capacities of existing roadway configurations are used.

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Study Results

Edgewood's only traffic circulation problems are the LOS on SR 527 and Holden Avenue during peak periods. In order to increase the LOS on SR 527, the road should be widened to six lanes through Edgewood. The road could be widened to six lanes without any structural improvements by simply eliminating parking along the roadway. The FDOT has not included the widening of SR 527 through Edgewood in their five-year Transportation Plan. The City will coordinate with the FDOT to have SR 527 designated a backlogged facility through the City. The City will support the widening of S.R. 527 through Edgewood.

Holden Avenue will operate below Level of Service E between 1991 and 2005. This facility has been designated backlogged by FDOT. The City will adopt as the LOS for Holden Avenue the current operating level of 14,000 Average Daily Trips (ADT) plus 15 percent.

The remaining roadways through Edgewood will operate at acceptable levels of service throughout the planning period. The Future Traffic Circulation Maps show the LOS for these roadways for the two planning periods, 2000 and 2005.

The City will adopt as the LOS for Orange Avenue and Hansel Avenue the present operating conditions plus 15 percent. The latest traffic counts for these roads are as follows:

Orange Avenue at Holden: 35,961 ADT
Orange Avenue at the one-way pair: 22,896 ADT
Hansel Avenue at the one-way pair: 19,516 ADT

The City believes that adopting this level of service is justified for several reasons. The City will work with FDOT to have these roads designated backlogged facilities; they are not currently designated as backlogged. However, improvements to these roads are not included on FDOT's 5-year schedule of improvements. The City is a small community within an urban area and is almost built out. Adopting this LOS will allow infill development in this area, thus promoting compact urban development patterns.

Other Transportation Related Considerations

The City of Edgewood has jurisdiction over the facilities which comprise the City's roadway system. All of the major arterials which lie within the city limits are under state jurisdiction. The situation requires that the City of Edgewood coordinate local roadway planning efforts with a number of other municipalities and government agencies, including:

- o The State of Florida
- o The Florida Department of Transportation

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- o The Florida Department of Community Affairs
- o The East Central Florida Regional Planning Council
- o Orange County
- o The Orlando Urban Area Metropolitan Planning Organization

Transportation Systems Management Strategies

The transportation plan for the City of Edgewood needs to provide for the short-range transportation needs of the area by making efficient use of the existing transportation resources, and by providing for the movement of people in an efficient manner. Transportation Systems Management concepts attempt to identify traffic engineering, management, operational, and other improvements to the existing transportation system, excluding new transportation facilities or major improvements to existing facilities. Intergovernmental coordination with FDOT and Orange County is necessary to enact many of these improvements.

The following is a list of possible transportation system management strategies:

- 1) Improve traffic signalization.
- 2) Improve traffic engineering.
- 3) Improve bikeways.
- 4) Improve channelization of traffic.
- 5) Install pedestrian-activated signals.
- 6) Develop zoning strategies to improve travel.
- 7) Improve taxi efficiency.
- 8) Develop better bicycle storage facilities.
- 9) Encourage flexible work hours.
- 10) Encourage staggered work hours.
- 11) Dedicate the CSX railroad for use as a light rail corridor. Encourage bicycle paths in conjunction with the light rail.
- 12) Encourage mass transportation alternatives. Edgewood currently maintains bus stops for Tri-County Transit. (See map on p. 2-13.)
- 13) Improve pedestrian access. Edgewood currently has a sidewalk program designed to accomplish this.

CONCLUSION

Traffic problems in Edgewood will continue due to its location in a transportation corridor between suburban and metro Orlando. Non-structural mitigation such as alternative transportation and flex-time work schedules can be encouraged as ways of relieving some traffic. Options for reducing traffic levels or increasing LOS in the City are limited and primarily controlled by governmental bodies outside of Edgewood. The City's primary role will be in continued intergovernmental coordination with those agencies that govern roadways in the City.

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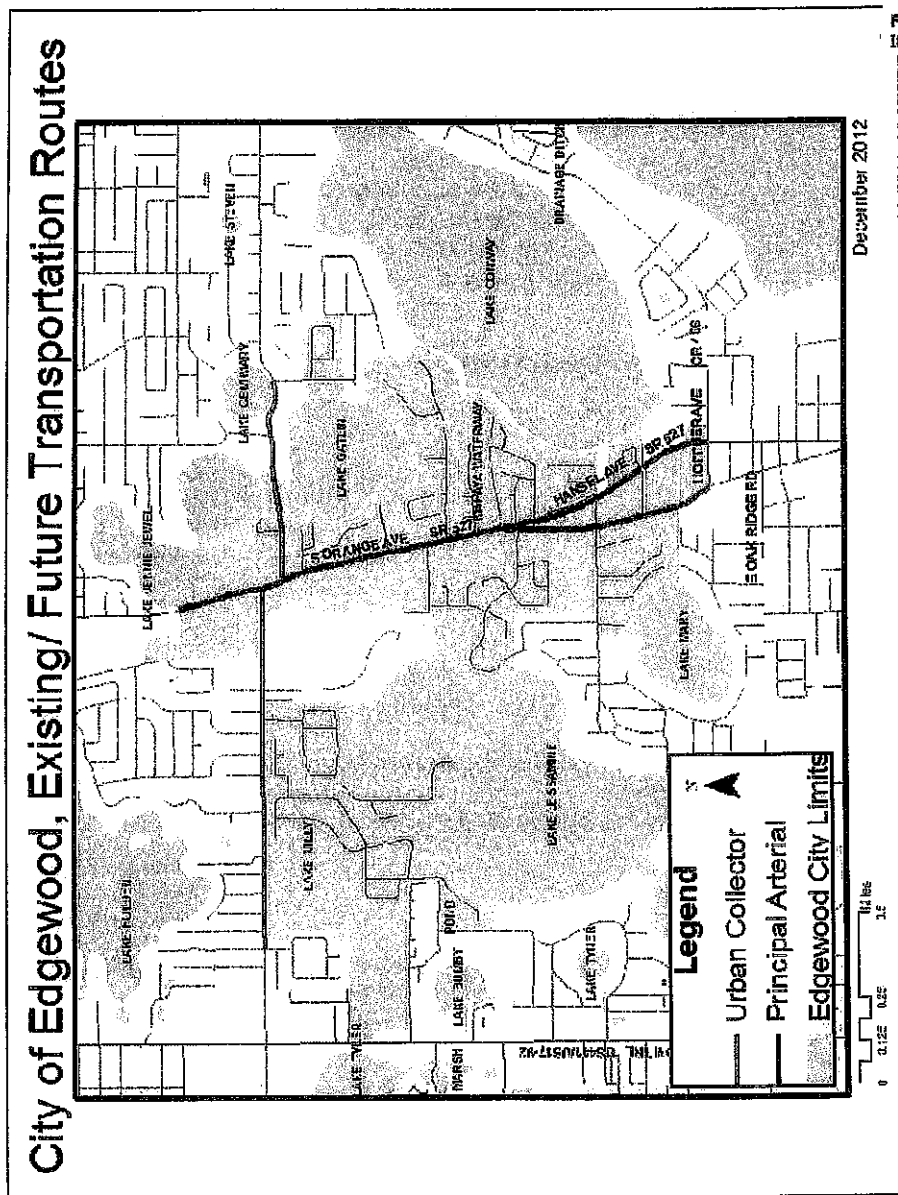
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(Placeholder for 1989 Tri-County Transit Bus Routes Map)

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Map2-1 - Existing and Proposed Transportation Routes

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2. Highway Capacity Manual, Special Report 209, Transportation I.T.E. Journal, 1987.
- 3.1 Chapter 334.03 (6) F.S.
- 4.2 FDOT, Florida Highway System Plan: Level Of Service Standards and Guidelines Manual.
- 5.3 Orange County Office of Capital Facilities Development, Transportation Impact Fee Study Final Draft, December 1985 Comprehensive Plan, 2010-2030.
6. QUATS 2005 Update, Metroplan Orlando, Long Range Transportation Plan, 2030.
4. FDOT Florida Traffic Online (2011).

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Map 2-1 Existing Traffic Circulation Map

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Map 2-2 Future Traffic Circulation Map 2000

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Map 2-3 Future Traffic Circulation Map 2005

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City of Edgewood Housing Element

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INTRODUCTION

The Housing Element of the City of Edgewood's Comprehensive Plan is intended to be a framework which will assist in identifying and meeting the housing needs of the City's current and prospective population. It is also intended to serve as a guide and information source for governmental decision-making in all matters related to housing. By providing this summary of the housing conditions in the City of Edgewood, the plan will: assist the City's builders and developers by identifying the housing construction needs of the City's population; assist the local government to identify the housing problems of the City's low- and moderate-income families; assist the local government to preserve existing housing and neighborhoods; and maximize coordination among all public and private entities concerned with the provision of housing within the City.

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The Housing Element is divided into three sections: existing conditions; future needs assessments; and summary and recommendations. In the first section, data is provided which illustrates current housing conditions in Edgewood. The second section analyzes current conditions in terms of demographics and types and costs of available housing. Also analyzed are projected population trends and their effect on the housing market.

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The source for most of the data provided in this element is the 1980-2010 US Census, the Florida Housing Data Clearinghouse, and the University of Florida, Bureau of Economic and Business Research, Florida Population Studies, Bulletin 162 (Revised), March 2012. If updated data is available, this data was used. In some instances, data is available for Orange County for 1980 and the current year, and available for the City of Edgewood for 1980. In these cases, the percentage change for the County from 1980 is assumed to be the same for the City. Additional sources are indicated where used.

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EXISTING CONDITIONS (1980-2010)

In this section, existing housing conditions are identified as required in 9J-5.010(1) (a) through (h). The first requirement of this rule is that This information includes the number of housing units in Edgewood be identified by type, tenure (owner or renter), age, rent, value, monthly cost of owner-occupied units, and rent or cost-to-income ratio. Tables 3-1 through 3-7 provide this information. These tables also provide a comparison of Edgewood statistics with those of Orange County. The sources for Tables 3-1 through 3-6 are listed after Table 3-1.

Table 3-1 lists the total housing units and the number of units which are owner-occupied, renter-occupied or vacant. According to these numbers, the vacancy rate in 1980-2010 for owner-occupied all units was 4.10.4%, while the vacancy rate for renter-occupied sale or rent units was 2.95.1%. Edgewood had a higher lower percentage of

occupied rental housing (67.715.3%) in 1980-2010 than did Orange County (37.636.5%). This situation may have changed since 1980 because the Camelot complex is no longer rental housing, but a condominium. This could be indicative of increased single-family construction since the last update of the Comprehensive Plan. Availability of rental housing is an important factor to consider when analyzing the affordable housing situation in a community.

TABLE 3-1
Housing Units - Edgewood and Orange County 2010

	Edgewood	Orange County
Total Housing Units	474,109	184,747,487,839
Year-Round Housing Units	466Not Available	183,245Not Available
Seasonal Units	5Not Available	1,532Not Available
Total Occupied Units	463,983	170,754,421,847
Owner-Occupied Units	481,815	406,604,243,950
Renter-Occupied Units	272,168	64,150,177,897
Total Vacant Units	48,114	13,933,65,992
Vacant For Sale or Rent Units	13,56	7,37,470,226
Vacant Seasonal Units	524	1,532,13,633
Other Vacant Units	34	5,235,14,889

SOURCES: United States Department of Commerce, Bureau of the Census, 1980 Census of Housing, General Housing Characteristics (HC80-1-A11) and Detailed Housing Characteristics (HC80-1-B11). Census Bureau, 2010 Census Demographic Summary Files for the City of Edgewood and Orange County.

In Table 3-2, housing units are shown by the number of units in the structure. In 1980-2010, a majority of the housing units (62.280.2%) were single-family homes, while multi-family units accounted for the remaining 37.819.8% of the total units. There are no mobile homes in Edgewood; the only mobile home park closed in 1987.

TABLE 3-2
Number of Housing Units in Structure, All Units
(2010)

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All Units

Number of Units in Structure	Edgewood		Orange County	
	Number	Percent	Number	Percent
1	293877	62.280.2	119,877310,894	64.963.7
2-4	072	0.06.5	16,23723,442	8.84.8
5-9	021	0.01.9	10,22029,251	5.56.0
10-4919	17884	37.87.7	14,63350,994	7.810.4
50-20 or more	040	0.03.7	10,21054,196	5.511.1
Mobile Home/Trailer	0	0.0	12,19619,262	6.63.9
N/GBoat, RV, van	0	0.0	1,374133	0.80.1
TOTAL	4711,094	100.0%	184,747488,172	100.0%

The age of the housing units in Edgewood is shown in Table 3-3. Age of the housing stock is one of the variables to be considered when estimating future occurrences of substandard housing. Approximately 56.21% of the housing in Edgewood was built prior to 1970. The housing in Edgewood is, on the whole, slightly newer than the housing in the unincorporated County; nearly half of the housing is less than twenty years old newer housing, as approximately 80% has been built after 1970. Orange County data reveals that the County has a similar pattern of housing stock by year built. The rate of housing construction can be expected to increase in the next 10 years.

TABLE 3-3
Year Structure Built, All Units
(2010)

All Units

Year Structure Built	Edgewood		Orange County	
	Number	Percent	Number	Percent
1939 or earlier	1624	3.42.2	11,927Not available	6.52.0
1940-1969	248206	52.618.8	101,020Not available	54.618.5

1970-March 1980-1999	207604	44.055.2	70,426Not available	38.453.6
2000-2004	180	16.5	Not available	16.9
N/C2005 or later	980	9.07.3	1,374Not available	0.89.1
TOTAL	4711,094	100.0%	184,747488.172	100.0%

Affordability of housing is an issue that must be analyzed in any Housing Element. One measure of affordability is the value of existing housing. The median value of housing in Edgewood was \$75,400\$330,000 in 19802010, significantly which is approximately 53% higher than the median value of \$43,000\$174,200 in Orange County. Another measure of affordability is the monthly cost of housing. The median monthly cost of units with a mortgage was somewhat higher for Edgewood (\$4472099) than for Orange County (\$3451,674). The median monthly cost for units without a mortgage is slightly \$114 higher in Edgewood than in unincorporated Orange County. Table 3-4 and Table 3-5 contains these figures.

TABLE 3-4
Value of Housing Units
Specified Owner-Occupied
Housing Units
(2010)

Value of Unit	Edgewood		Orange County	
	Number	Percent	Number	Percent
Less than \$10,999\$50,000	36	2.8.7	7,005Not available	6.55.9
\$2050,000 - \$4999,999	5214	281.7	40,516Not available	54.615.2
\$100,000-\$149,000	47	5.6	Not available	16.5
\$150,000-\$199,999	137	16.3	Not available	21.5
\$200,000-\$299,999	132	15.7	Not available	21.8

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\$300,000-\$499,999	347	41.3	Not available	12.5
\$500,000-\$999,999	138	16.4	Not available	4.3
\$1,000,000 or more	424	68.52.3	Not available	38.42.2
Total	181840	100.0	80,405237,734	100.0
Median	\$76,400330,000		\$43,000174,200	

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*Specified owner-occupied housing units are defined in the 1980 Census as "one family houses of less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents or vans occupied as a usual residence, as well as owner-occupied non-condominium units in multi-family buildings."

Table 3-5
Monthly Cost
(2010)

	Edgewood	Orange County
Units with Mortgage Median Monthly Cost	\$447\$2099	\$3451674
Units without Mortgage Median Monthly Cost	\$111\$587	\$101473

Monthly contract rent for housing units in Edgewood is an important measure of housing affordability, because often low and moderate-income families cannot afford to buy a home and therefore must rent housing. Rental housing in Edgewood was slightly more expensive in 1980-2010 than housing in the rest of Orange County (see Table 3-56).

TABLE 3-56
Monthly Contract Rent
City of Edgewood and Orange County

Specified Renter-Occupied
Housing Units:
(2010)

Monthly Rent	Edgewood	Orange County
--------------	----------	---------------

	Number	Percent	Number	Percent
Less than \$99200	30	1.40	Not available5,434	8.7.5
\$100-200 - \$199299	460	16.50	Not available22,412	35.8.6
\$200-300-\$499 or more	2240	82.40	Not available32,843	52.42.6
\$500-\$749	53	54.1	Not available	13.7
\$750-\$999	28	28.6	Not available	31.2
\$1000-\$1499	17	17.3	Not available	37.4
\$1500 or more	0	0	Not available	14.0
No Cash Rent Paid	--	--	1,9314,850	Not available3.1
Total	48498	100.0	62,620159,857	100.0
Median	\$248744		\$206,1013	

*Specified renter-occupied housing units are defined in the 1980 Census as all renter-occupied units except single-family homes on more than 10 acres.

In Table 3-67, rent-to-income ratios for housing are given for the City of Edgewood. Because this information was not available in the 1980 Census for Edgewood, the ratios given for Orange County in the Census were assumed to be the same for Edgewood. While a Almost half one quarter of the renters (42.324.4%) spend less than 25% of their monthly income on housing, 57.1% of the total number of renters spend less than 35% of their income on rent, 34.942.9% of the renters spend in excess of 35% of their income on housing costs, which is less than that for Orange County as a whole, which has 51% of the renter population paying greater than 35% of their monthly income on housing. This data indicates that affordability within the City is good condition comparatively.

TABLE 3-67
Rent to Income Ratio
City of Edgewood
(2010)

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Rent-To-Income Ratio	Number	Percent
Less than .15	3418	12.518.4
.15 - .19	416	15.26.1
.20 - .24	400	14.60
.25 - .29	3320	12.120.4
.30 - .34	2312	8.512.2
.35 or more	8742	31.942.9
N/C Not computed	1422	5.2 Not available
Total	27298	100.0

SOURCE: Orange County Housing Element.

The condition of existing housing will affect the projected demand for housing to meet future population needs. Housing that is substandard must be rehabilitated or demolished, and any housing lost through demolition must be replaced. Chapter 9J-5.010(1)(c) requires that the city provide a definition of standard and substandard housing and an estimate of the number of dwelling units in the city in substandard condition, along with a generalized location of these units. These definitions and estimates are given below.

On the whole, the condition of housing units in Edgewood is good. Given the age of housing stock, where approximately 80% of all housing units has been built within the past 40 years (1970-2010), according to the U.S. Census Bureau 2006-2010 Community Survey 5-Year Estimates, and the condition of existing units within the Town, replacement housing is not seen as a significant consideration.

The definitions of standard and substandard housing to be used throughout the Housing Element are as follows:

Classification of Housing Conditions

Standard Housing Unit - Any housing unit which is suitable for human occupancy, which has working and operable plumbing, which has an adequate heating system, and which is in a safe structural condition. A standard housing unit may have incipient housing code violations which may be corrected by relatively inexpensive means by the occupant. These code violations consist of those which require only minor repairs and upkeep. A standard housing unit has a life expectancy of a minimum of ten years.

Substandard Housing Unit Suitable for Rehabilitation - A housing unit which is suitable for human occupancy but which has some degree of hazardous conditions to the health

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or safety of the occupants. A substandard housing unit which is suitable for rehabilitation is structurally sound but has visible degrees of deterioration and several housing code violations, all of which are economically feasible to correct to standard conditions. A substandard housing unit suitable for rehabilitation has a life expectancy of a minimum of three years.

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Substandard Housing Unit Not Suitable for Rehabilitation - Any housing unit which is structurally unsound and which possesses a serious and immediate threat to the health and safety of the occupants. A substandard housing unit not suitable for rehabilitation is also unsuitable for occupancy, and the conditions or code violations are not economically feasible to correct to standard conditions. Housing units in this classification include units damaged by fire, storm or other natural causes. Demolition and clearance is the recommended action for these units (and relocation of the occupants if necessary).

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A windshield survey was conducted in the City to determine the number of substandard housing units currently occupied. Currently there are no substandard units in the City.

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Also required by 9J-5.010 (c) is an inventory, taken from the latest decennial census, listing the number of housing units lacking complete plumbing facilities for exclusive use, lacking complete kitchen facilities, or lacking central heating, as well as units which are overcrowded. This inventory is contained in Table 3-7 for the City of Edgewood and Orange County. For purposes of this comprehensive plan, these units will not be counted as substandard. Lack of central heat is not considered to be a serious problem in Florida. Overcrowded units (defined in the 1980 Census as units occupied by more than one person per room) would be suitable for smaller households. Shared plumbing and/or kitchen facilities would not automatically render a housing unit substandard. The 2010 U.S. Census identified that 100% of housing in Edgewood is determined to have complete plumbing and kitchen facilities.

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TABLE 3-78
Specified Housing Characteristics
City of Edgewood and Orange County, All Units
(2010)

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All Units

	Edgewood	Orange County
Units lacking complete plumbing	20	683
Units lacking complete kitchen facilities	not available0	991

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Units lacking central heating	55Not available	815
Overcrowded units	50	3,081

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SOURCE (Table 3-2 through Table 3-8): U.S. Census Bureau, 2006-2010 American Community Survey. Please note that the totals are slightly less for total housing units between the data source used in Table 3-1 (1097 versus 1094). This is accounted for by the source in Table-1 being a completed Census count, whereas the source in Table 3-2-Table 3-8 is a survey prior to the final Census count.

SOURCE: U.S. Census, 1980.

One way to alleviate the burden of high rent payments for lower-income families is to provide subsidies to pay part or all of the rent. Chapter 9J-5.010(1)(d) requires this plan to list all renter-occupied housing developments in Edgewood currently using federal, state or local subsidies. There are currently no subsidized rental units in the City.

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A listing of all licensed group homes and foster child care facilities is also required by 9J-5.010(1)(e). Currently, there are no group homes or foster care facilities in the City of Edgewood.

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An inventory of mobile home parks was completed for Edgewood as required by 9J-5.010(1)(f). The only existing mobile home park in the City closed in 1987. There are currently no mobile homes in the City.

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Chapter 9J-5.010(1)(g) requires that the City provide an inventory of historically significant housing. There is currently no housing listed on the Florida Master Site File or the National Register of Historic Places as historically significant in the City of Edgewood. There is also no housing currently deemed historically significant by the City.

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Table 3-8 contains an inventory of the building permits issued for housing construction in Edgewood since 1980, as required by 9J-5.010(1)(h). Also included in the table are housing demolitions. The number of conversions was not available at the time data was collected; it is probable that the number is so low as to be insignificant. Building permit information for the City was obtained from the East Central Florida Regional Planning Council.

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TABLE 3-8
Edgewood Building Permits
1980-1989

	SF	MF	MH	REMOVALS
1980 (April-December)	1	1	0	0
1981	0	0	0	1
1982	4	0	0	0
1983	0	0	0	0
1984	0	0	0	0
1985	0	0	0	0
1986	10	0	0	0
1987	19	0	0	35 (mobile homes)
1988	24	0	0	3
1989	23	0	0	0
TOTAL	78	1	0	39

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SOURCE: ECFRPC, The Council Quarterly, various dates.

FUTURE NEEDS ASSESSMENTS

Edgewood Population: Census and BEBR Summary

In 2010, the City population total as determined by the 2010 Census was 2,503. Orange County's total population was 1,145,956. Based on this information, Edgewood's population represented approximately .22% of the Orange County population. The table below shows the projected population to 2030 for Edgewood based on the BEBR projected populations for Orange County through 2030.

Table 3-9

Population Estimates, Orange County and Edgewood

				*BEER Medium Estimates			
	Census 2010	**2012 Estimates	Percent of Total	2015	2020	2025	2030
Orange County	1,145,956	1,175,941	100%	1,226,823	1,355,676	1,480,887	1,597,847
Edgewood	2503	2602	0.22%	2671	2892	3103	3303

*University of Florida Bureau of Economic and Business research, Population Projections; U.S. Census Bureau, 2010 Decennial Census. **University of Florida Bureau of Economic and Business research, Florida Estimates of Population 2012

Table 3-10

Housing Tenure by Type

(2010)

Housing Tenure	Number	Percent
Occupied housing units	983	100
Owner-occupied housing units	815	82.9
*Population in owner-occupied units	2,102	---
Average household size of owner-occupied units	2.58	---
Renter-occupied units	168	17.1
*Population in renter-occupied units	377	---
Average household size of renter-occupied units	2.24	---
Average household size All units	2.41	---

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*Please note that of the total 2010 population, 24 (10 male and 14 female) are housed in Noninstitutionalized group quarters.

Source: United States Census Bureau, 2010 Census Demographic Summary Files for the City of Edgewood and Orange County.

Table 3-11

Projected Housing Needs to 2030

*University of Florida Bureau of Economic and Business research, Population Projections; U.S. Census Bureau, 2010 Decennial Census. **University of Florida Bureau of Economic and Business research, Florida Estimates of Population 2012

Housing Needs	2012**	2015*	2020*	2025*	2030*
Population	2602	2671	2892	3103	3303
Units Needed	0	11	92	88	83

*24 has been subtracted for each population projection by year to account for population in Noninstitutionalized group quarters.

Based upon the data from the U. S. Census and Florida Housing Data Clearinghouse, 2006-2010, population projections, it is expected that the City of Edgewood will need approximately 1660 need to add an additional 274 housing units by 2030. In Table 3-11 above, these are broken down by year of need, projected based on the average household size of All Units, as identified in Table 3-10. Each subsequent year is calculated for need with the assumption that the previous year need has been achieved.

Since the Town is urban in nature with no agricultural land-uses, a there is no demonstrated need for rural or farm worker housing.

Given the age of housing stock, where approximately 80% of all housing units has been built within the past 40 years (1970-2010), according to the U.S. Census Bureau 2006-2010 Community Survey 5-Year Estimates, and the condition of existing units within the Town, replacement housing is not seen as a significant consideration.

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Population Expected to Reside in City

In this section of the housing element, the future housing needs of the city's population will be determined by defining the trends in household size, age of the population, and median household income for the years 1980-2005. Once the demographics of the city have been defined, that information and the current housing situation, which was analyzed in the preceding section in terms of availability, affordability and condition of existing housing, will be used to project the housing needs of each segment of the population for the period 1990-2005. Once the housing needs of the population have been outlined, alternatives for providing adequate housing will be explored.

Household Size

City population was projected through the methodology discussed in the Future Land Use Element. Those projections were used to project household size for the city. Information on average household size and number of households in each size range was obtained from the 1980 Census. The average household size was assumed to decline slightly between 1980 and 2005. The number of persons in group homes was held constant throughout the planning period. By dividing the total number of persons in households by the average household size, the number of households for 1990, 1995, 2000, and 2005 was projected.

The 1980 U. S. Census reported 453 households in Edgewood. The projected number of households for 2000 is 647, and for 2005 the projected number of households is 679. This represents an increase of 206 households between 1980 and 2005, or an increase of 50 percent. The average increase over the 25-year period is 9 households per year. It is anticipated that the average household size will drop during this period as a result of the high divorce rate, late marriages, relatively low fertility, proportionately more people in adult age groups, increasing numbers of persons living alone, and increased longevity of elderly persons. The average household size in 1980 was 2.28 persons; by 2005, this average is expected to drop to 2.20 persons. (See Table 3-9.)

Age Profile

Population by age statistics were obtained for Edgewood from the 1980-2010 Census. The percentages of these age groups were held constant through 2005. (See Table 3-40.) This data reveals that the majority of the population is under 55 years of age. The median age in the City is 42.5. The number of residents 65 years or older only represents 370 City residents or approximately 15%.

Table 3-12
Population by Age
(2010)

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Age	Number	Percentage
-----	--------	------------

19 or younger	579	23
20-54	1206	48
55-Over 85	718	29
Total	2503	100

Currently, there are approximately 112 persons 65 and over in the City of Edgewood; this number represents 10.8 percent of the city's total population. Because a significant percentage of Edgewood's population is elderly, age information is helpful in determining the housing needs of the population. The elderly often have housing needs which differ from those of the rest of the population. This can be due to the fact that many people in the senior population are retired and or have a restricted income. This population may also have different housing type needs than other population groups.

According to the Florida Housing Data Clearinghouse, in 2009, 72 of those people 65 years of age or older paid 30 percent or more of their income for housing. This represents approximately 3% of the City's 2010 total population. In the same age group for 2009, approximately 73% of that age group paid up to 30% of their income for housing. Based on this information, coupled with the limited number of senior population representative of Edgewood's total population, affordable senior housing opportunities do not appear to be a major issue for the City within the five and ten year planning timeframes.

It is also important in determining housing affordability for all people within the City. The Florida Housing Data Clearinghouse, in 2009 identified that for the total population, that approximately 73% pay up to 30% of their income for housing, while 16% pay 30-50% of their income for housing and 11% pay more than 50% of their income for housing.

The burden of income for housing is greater for the rental population, however, 57.1% of the rental population in Edgewood pay less than 35% of their monthly income for housing. Of owner occupied housing, approximately 76% pay up to 30% of their income for housing according to the Florida Housing Data Clearinghouse, in 2009.

Additional housing needs identified over the planning period identified in Table 3-11 may be met with policies that encourage infill development and additional housing opportunities such as mixed-use development, or realized through orderly annexation policies that encourage additional residential opportunities within the City.

TABLE 3-9
Resident Population & Household-Size
City of Edgewood
1980-2005
(actual)

Population	1980	1990	1995	2000	2005
Orange Co.	846,900	470,865	659,900	730,500	792,400
Edgewood	1,504	1,034	1,160	1,332	1,440
In-Group Quarters	0	0	0	0	0
Total Persons in Households	1,494	1,034	1,160	1,332	1,435
Total Occupied Households	679	453	513	592	647
Average Household size	2.20	2.28	2.26	2.24	2.22

Household Size

	1980		1990		1995		2000		2005	
	No.	%	No.	%	No.	%	No.	%	No.	%
1 person	153	33.8	176	34.4	205	34.7	227	35.0	240	35.3
2 persons	156	34.5	179	34.8	209	35.2	232	35.8	246	36.2
3-4 persons	101	22.2	110	21.5	124	21.0	131	20.3	135	20.0
5+ persons	43	9.5	48	9.3	54	9.1	57	8.9	58	8.5
TOTAL	453	100.0	513	100.0	592	100.0	647	100.0	679	100.0

TABLE 3-10
Population by Age Group
City of Edgewood
1980 - 2005

	1980	1990	1995	2000	2005
--	------	------	------	------	------

Age	No.	%	No.	No.	No.	No.
0-5	27	2.6	30	35	37	39
5-17	151	14.6	169	194	210	220
18-64	744	72.0	835	959	1,037	1,083
65+	112	10.6	126	144	156	162
TOTAL	1,034	100.0	1,160	1,332	1,440	1,504

Because they often are on fixed incomes, affordability of housing is an important factor to be considered. Problems with mobility and external maintenance of homes also affect the type of housing elderly persons need.

Income Range of Households

In order to determine the type of housing required to meet the needs of the anticipated population, it is necessary to determine the income range of future households. Income will affect the type and size of housing families can afford. Income information will help to determine whether there is sufficient affordable housing, available for families at all levels of income.

Median income for Edgewood, according to the 1980 Census, was \$22,232, significantly higher than Orange County's median income of \$15,220. Assuming the same percentage increase for Edgewood and Orange County, Edgewood's median income in 1989 is estimated to be \$49,956.

The income groups described in Table 3-11 have been selected because they coincide with limits in HUD housing assistance programs. Grouping households in these income categories will help to determine whether sufficient housing is available for all families, especially those in the moderate and low income categories.

To estimate income levels for the City of Edgewood, the following method was used. The figures in Table 3-11 are based on the median income for Orange County as given in the 1980 Census.

TABLE 3-11
Income Limits of Various Groups
City of Edgewood 1980

Income Group	Percent of Median Income	Income in Dollars
Very low	< 50%	< \$ 7,610

Low	50% - 80%	\$7,610 - \$12,176
Moderate	80% - 120%	\$12,176 - \$18,264
Middle	120% - 150%	\$18,264 - \$22,830
Upper	> 150%	> \$22,830

Source : U.S. Census

According to the 1980 Census, 91 persons in Edgewood had income below 125% of poverty level. The poverty level for a three-person household was \$5,787 at that time, so 125% of the poverty level was \$7,234. This is close to the very low income limit of \$7,610, so it is assumed that 91 persons fall within the limits of very low income. Assuming 2.28 persons per household, approximately 40 households in Edgewood in 1980 had very low incomes.

The median income for Edgewood was, according to the Census, \$22,232. This falls somewhere in the middle income category, using the income limits in Table 3-11. Half of the household incomes in Edgewood fall above \$22,232 and half fall below. Because \$22,232 is close to the upper edge of the middle income limit (\$22,830) it is estimated that a relatively small percentage (10%) of the 227 households earning more than \$22,232 fall into the middle income category, with the remaining units falling into the upper income category.

Assuming the incomes in the middle income category are evenly distributed, it is possible to estimate the number of households in that category. It was estimated in the preceding paragraph that there are 23 households in the middle income category who earn more than \$22,232 (10% of the 227 households earning above median income). The percentage of households earning more than \$22,232 but less than \$22,830, assuming even distribution of incomes in that category, is 13.1% of the middle income category. The number of households in that category is therefore estimated to be approximately 176.

Of the 453 households in Edgewood that reported income information in the 1980 Census, it is estimated that 40 households earned very low income, 176 earned middle income and 204 households earned upper income. This leaves 33 families in the low and moderate income categories. These 33 households will be evenly divided between low and moderate income. The results are shown in Table 3-12.

TABLE 3-12
Income Groups for Edgewood - 1980

Income Group	Number of Households	Percent
Very Low	40	8.8%
Low	18	4.0%

Moderate	15	3.3%
Middle	176	38.9%
Upper	204	45.0%
TOTAL	453	100.0%

*Only 453 of the 471 households reported income information in the 1980 Census.

These results are skewed toward middle and upper income, but given that Edgewood's median income is 46.1% higher than Orange County's, these results are to be expected. The percentage of households at each income level was held constant through the year 2005. Table 3-12 shows the number of households at each income level in 1980. Table 3-13 shows the income limits of various groups in 1980, and Table 3-14 shows the number of households at each income level for the years 1990-2005.

TABLE 3-13
Income Limits of Various Groups
City of Edgewood 1980

Income Group	Ratio to Median Income	Income limits of Groups (1)	\$ Available for Housing (3) (4)
Very low	< 50%	< \$17,100	\$428/mo.
Low	50% - 80%	\$17,100 - \$27,360	\$428 - \$684
Moderate	80% - 120%	\$27,360 - \$41,040	\$684 - \$1,026
Middle	120% - 150%	\$41,040 - \$51,300	\$1,026 - \$1,283
Upper	> 150%	> \$51,300	> \$1,283

(1) estimated HUD median income for Orlando MSA in 1980 = \$34,200

(3) formula = annual income / 12 = monthly income x .3 = \$ available for housing

(4) does not include utilities

TABLE 3-14
Projections of Households by Income Group
City of Edgewood
1990-2005

	1980	1990	1995	2000	2005
--	------	------	------	------	------

Income Group	No.	%	No.	No.	No.	No.
Very Low	40	8.8	45	62	67	60
Low	18	4.0	21	24	26	27
Moderate	15	3.3	17	20	21	22
Middle	176	38.9	200	230	252	264
Upper	204	45.0	230	266	291	306
TOTAL	453	100.0	513	592	647	679

According to Table 3-14, there were 45 very low-income households, 21 low-income households, and 17 moderate-income households in Edgewood in 1980. By the year 2005, there will be 15 additional very low-income households, 6 additional low-income households and 5 additional moderate-income households in the City. (See Table 3-15.)

Projected Housing Demand

In the preceding section, changes in the number of households by size and income group were identified, and age trends for Edgewood through the year 2005 were projected. Using these figures, projections of housing needs for the city can be developed.

Future housing demands are estimated by projecting population trends, new household formations and the expected life of existing housing. An allowance for vacancies is added to these factors to keep the vacancy rate at an acceptable level.

For projecting the number of housing units needed by size, several assumptions were made:

1. One and two person households require units with two or fewer bedrooms;
2. Three and four person households require three bedroom units;
3. Five or more person households require units with four or more bedrooms;
4. Wealthy households will, in general, occupy larger units;
5. Low income households may live in smaller units.

Using these assumptions and Table 3-9, the number of housing units needed through the year 2005 by size was projected. (Assumptions 4 and 5 have a neutralizing effect on each other.) The results of these calculations can be found in Table 3-16.

Household Formations

Table 3-17 shows the number of new housing units needed in the city between 1990 and 2005 by type and level of income. The estimates in this table were based on several factors and trends in the housing market. Low-income and moderate-income families are more likely to rent multi-family housing than to buy single family housing. Upper-income families are less likely to occupy mobile homes than lower-income families. Middle and upper-income families tend to buy rather than rent housing. There is a need for single family homes for those families in the middle and upper-income range.

TABLE 3-15
Change in Number of Households by Income Group
City of Edgewood
1990-2005

Income Group	1990-1995	1995-2000	2000-2005	Total
Very Low	7	5	3	15
Low	3	2	1	6
Moderate	3	1	1	5
Middle	30	22	12	64
Upper	36	25	15	76
TOTAL	79	55	32	166

TABLE 3-16
Projected Housing Units Needed by Size-
City of Edgewood
1990-2005

SIZE	1990-1995	1995-2000	2000-2005	Total
2 or fewer bedrooms	59	45	27	15
3 bedrooms	14	7	4	6
4 or more bedrooms	6	4	4	5
TOTAL	79	56	32	166

*Not including vacancies.

New household formations should average 9 per year for this period. New housing construction has averaged 19 units per year for the past four years; thus it would appear that the private market has the capacity to provide the needed units.

TABLE 3-17
Projected Housing Need by Type and Level of Income
City of Edgewood
1990-2005

Income Group	1990-1995	1995-2000	2000-2005	Total
Very Low	7	5	3	15
Low	3	2	4	6
Moderate	3	1	4	5
Middle	30	22	12	64
Upper	36	25	15	76
TOTAL	79	56	32	166

Source: ECFRPC, 1990
*including vacancies

Replacement of Substandard Housing

In Edgewood, it was determined that there are currently no housing units that are structurally deteriorated. At the time of the 1980-2010 Census, there were ~~2~~no units which lacked complete plumbing facilities and ~~55~~units lacking central heat~~no~~ houses were without some type of heating fuel. Where economically feasible, these homes should be renovated to correct these problems. There are 15 units, 3.4 percent of the total units, that were built before 1940 and will therefore be at least 50 years old by the year 2000. However, virtually all of the housing in the City is in good physical condition; the number of units that will become substandard between the present and the year 2000 is minimal.

Conservation of the existing housing stock in standard condition will be achieved generally through private investment in maintenance and repair and the enforcement of the city's housing City codes. Financial assistance should ~~may~~ be made available to low-income families to correct violations of the housing code, and technical assistance should be made available to all.

Allowance for Vacancies

To determine the appropriate vacancy rate for this housing market, it was first necessary to calculate the population growth rate for the city. Appropriate vacancy rates vary depending on whether the growth rate is rapid (greater than 5 percent per year), moderate (1-5 percent per year), or slow (less than 1 percent per year). The following chart shows the appropriate vacancy rates for owner- and renter-occupied units:

Growth	Vacancy Rate	
	Owner-occupied	Renter-occupied
rapid (>5%)	1.5-2%	6-8%
moderate (1-5%)	1-1.5%	4-6%
slow (<1%)	<1%	<4%

Source: FHA Techniques of Housing Market Analysis, 1970.

Edgewood is experiencing moderate growth (approximately 1.8 percent per year); therefore, the appropriate vacancy rates are 1-1.5 percent for owner-occupied units and 4-6 percent for renter-occupied units.

Land Requirements for the Estimated Housing Units

According to the above estimates, there will be an expected demand for ~~180-274~~ additional single-family housing units in Edgewood between ~~1990-2015~~ and ~~2005~~2030. It has been determined that there is adequate land within the City of Edgewood to build the additional housing units needed, whether through infill and redevelopment, increased density options, or traditional ground-build methods.

The Housing Delivery System: Achieving Full Production

The Housing Element of the Comprehensive Plan differs from most of the other elements in that housing for the City's population is provided exclusively by the private sector. Limited supplies of public housing have been built in the past to house low-income families, but this housing has never been built in adequate quantities to resolve existing affordable housing problems. Also, housing assistance programs have recently changed their emphasis from building low-income housing to subsidizing low-income families so they can live wherever they choose. Subsequently, any housing needs that have been diagnosed in this element must be met by the private sector. The private sector has the capacity to meet the housing need; the housing need identified in this element from the present through the year ~~2005-2030~~ will be met by the private sector. The focus of this section of the housing element, therefore, should be to determine what, if any, problems exist in the housing delivery process, and to recommend actions to be taken between builders and local government to alleviate those problems.

SUMMARY AND RECOMMENDATIONS

In the preceding sections, the demographics of Edgewood's population and its existing housing conditions were identified. Housing needs were projected through the year ~~2005-2030~~, and problems with the housing delivery process were identified. In this section, recommendations will be given for dealing with each aspect of the housing situation in order to provide adequate housing for the current and future population of Edgewood. The following issues will be discussed in this section:

- ~~1. provision of housing and adequate infrastructure for the projected population.~~
- ~~2. elimination of substandard housing.~~
- ~~3. provision of land.~~
- ~~4. provision in neighborhoods of sites for group homes.~~
- ~~5. identification of conservation, rehabilitation or demolition activities, and historically significant housing or neighborhoods.~~

The City of Edgewood will increase in population by approximately 344 persons between 1990 and 2005. Approximately 155 additional households will be formed in that period. The City should assist the private sector to provide, in that period, approximately 180 new housing units to accommodate the additional population, replace substandard housing, and maintain an adequate vacancy rate. The housing provided should vary in size, type, and cost so that families at all levels of income can afford to live in decent housing units. There are currently no rural or farmworker households within the City.

The City will assist the private sector in the provision of the needed housing by reviewing and, if necessary, revising the land development regulations to reduce housing construction costs; by providing information on federal subsidy programs that

~~could be used to construct low-cost housing; and by providing sufficient adequately zoned housing sites for very low, low and moderate income housing units.~~

~~There is currently no substandard housing in Edgewood. However, there should be a mechanism to ensure that it does not become a problem in the future. The housing enumerated in the 1980 Census as having inadequate plumbing or lacking central heat should be renovated if economically feasible. To eliminate substandard housing conditions and monitor older units for purposes of preventing the deterioration of housing, the city should adopt, maintain, and enforce a minimum housing code. Financial assistance resources should be identified for made available availability from appropriate agencies to low-income families to correct address violations of the housing code.~~

~~Provision of land for the needed housing units is also not a problem in Edgewood. There is currently enough land available to provide all the recommended housing. The city should determine if the zoning is adequate to meet the needs for different types of housing, and then rezone portions if necessary.~~

~~According to the 1980-2010 Census, there were no persons in group homes²⁴ people in Edgewood in 1980. Noninstitutionalized Group housing. Efforts should be made to allow group homes in residential neighborhoods. To address this issue, Edgewood will amend its zoning ordinances to allow group homes of six or fewer persons to exist in all residential neighborhoods. Edgewood is reviewing and addressing housing policies for group housing to be consistent with state law.~~

~~There are currently no housing units listed on the Florida Master Site File as historically significant, however, there are two housing units in Edgewood that are over 50 years old. The City should assist in the submittal of applications to the state to have these units listed on the Florida Master Site File and should take whatever measures deemed appropriate to protect and preserve these units.~~

Provision of land for the needed housing units is accommodated in Edgewood, either through existing development potential or redevelopment potential. The City is evaluating incorporating policies to promote additional density opportunities that will further provide for the additional housing needs to be met.

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City of Edgewood Conservation Element

PURPOSE AND SCOPE

The purpose of this Conservation Element is to identify existing natural resources, wildlife and vegetation in the City and to provide for the protection of these resources. In this element, several types of natural resources will be identified and analyzed, including: water bodies and wetlands; air and water quality; vegetation and wildlife native to the community; areas experiencing soil erosion problems; sources of commercially valuable minerals; and existing conservation areas within the City. Once these resources have been identified and the existing conditions in Edgewood have been analyzed, objectives and policies will be implemented to meet the conservation goals of the City.

WATER QUALITY PROTECTION

Introduction

Water is indispensable for many reasons: consumption by humans; consumption by livestock; irrigation of agriculture and landscaping; maintenance of natural aquatic ecosystems; and industrial consumption and cooling uses. Although the degree of water purity required to meet each of these needs is different, there is good reason to maintain water quality at the highest reasonable level: failure to maintain the quality of natural waters could result in shortages of drinking water, or damage to crops or fisheries resources. In order to ensure the continued use and enjoyment of the state's water resources, the Florida Department of Environmental Regulation Protection (FDERFDEP) has developed minimum water quality criteria for both surface waters and groundwater. The FDER's FDEP's water quality criteria, which appear in Chapter 47-362-302, F.A.C., define the various types of waters and the minimally acceptable contamination levels for each.

Surface waters are classified according to their suitability for various uses: Class I (potable water supply), Class II (shellfish propagation or harvesting), Class III (fish consumption, recreation, and propagation, and maintenance of a healthy, well-balanced population of fish and wildlife), Class IV (agricultural water supplies) and Class V (navigation, utility and industrial use). Each class carries its own minimum acceptable pollutant criteria, which are most stringent for Class I and become progressively less restrictive for other classes. When the FDER FDEP and water management districts review permits for projects that affect surface waters, they determine whether the project can proceed without violating the minimum water quality criteria for the type of surface water involved.

Groundwater is classified in a similar manner: Class G-I (single-source, potable water aquifers, total dissolved solids less than 3000 ppm), Class G-II (potable water, total dissolved solids less than 10,000 ppm), and Classes G-III and G-IV (various non-potable groundwater sources) pursuant to Chapter 62-520.410, F.A.C. In addition to general groundwater quality criteria in Chapter 47-362-520, F.A.C., the primary and secondary criteria for public drinking water supplies (Chapter 47-2262-550, F.A.C.) applies to Class G-1 and G-II waters, except where natural background conditions in those waters exceed the criteria of Chapter 47-2262-550, F.A.C. ; in those cases, the natural background is the accepted criterion. The Floridan aquifer is the source of potable water in the Edgewood area.

The St. Johns River Water Management District (SJRWMD) has several policies that affect water conservation, use and protection in Edgewood. Chapter 40C-21, F. A. C. is the SJRWMD Water Conservation Rule. This rule is comprised of various water conservation measures, including limiting irrigation to evening and night hours and requiring large volume users to obtain a consumptive use permit from the SJRWMD prior to initiating use. Local governments are authorized to enforce the provisions of this rule.

Chapter 40C-21, F.A.C. is thealso includes the Water Shortage Rule. This rule establishes four phases of water use restrictions. The SJRWMD imposes the phases when necessary to reduce the water use to meet current and projected demand. Local governments are also authorized to enforce the provisions of this rule.

The other rule that addresses the protection of water is the Stormwater Rule contained in Ch. 40C-42, F.A.C. This rule regulates the discharge of stormwater in order to reduce pollutants carried into surface waters by stormwater.

Existing Conditions

Lakes and wetlands have been identified on the Existing Land Use Map for the City of Edgewood. There are no rivers, harbors, bays or estuaries in the City. The City is bound on the north by Lake Jennie Jewel, on the west by Lake Jessamine and Lake Mary, and on the east by Lake Gatlin and Little-Lake Conway. There are no lakes fully within the city limits.

Orange County maintains a database of lake information, which is called the "Orange County Wateratlas". Below is a table indicating the current condition of each of these lakes. The condition provided is called the trophic state index. The Trophic State Index (TSI) includes chlorophyll, nitrogen, and phosphorus levels. A TSI number of 0-59 is classified as "good". All of the lakes indicated below have good water quality condition. The data collection for the TSI Index was reported in 2012 and is the most current data.

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Table 5-1
Lake Water Quality Conditions

Lake	TSI Index
Lake Jennie Jewel	8
Lake Jessamine	59
Lake Mary	30
Lake Gatlin	37
Lake Conway	28

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A study of the Lake Conway system, including Lake Gatlin, was completed in 1990 by Professional Engineering Consultants, Inc. for the Lake Conway Navigation and Advisory Board and Orange County. Little Lake Conway was described as having acceptable water quality with no negative trends indicated. However, Lake Gatlin had indicators, such as chlorophyll at levels 4 to 5 times higher than the Lake Conway system; this shows a movement towards a eutrophic state. Lake Gatlin is a much smaller lake and could be an indicator of the Lake Conway systems' future.

After review of the report, Orange County Environmental Protection Department (OCEPD) stated that "... while the water column is good, continued inattention to untreated or poorly treated stormwater could result in a shift from the current mesotrophic status to a nutrient rich eutrophic state within ten (10) years." Lake Conway experienced its' first algal bloom in spring 1989, a sign that the lakes ability to assimilate pollutants is decreasing.

A study of Lake Jennie Jewel in 1987 by OCEPD indicated that the lake was "fully usable from a recreational and water quality standpoint." From 1979 to 1986 many variables indicated the lake's overall water quality had slightly improved, however phosphorus levels had worsened. Phosphorus causes the intermittent algal blooms which can be expected to increase in the future.

Lake Jessamine and Lake Mary have had no recent studies, but water quality is continually monitored by OCEPD. The County data indicates all four lakes surrounding in Edgewood to be of similar quality, with Lake Jessamine being slightly better. However, because of their urban location, Lakes Jessamine and Mary will experience the same degradation as the other lakes.

Existing Needs Assessment

Various means of conserving freshwater supplies are addressed in the Potable Water sub-element.

Stormwater Runoff--Stormwater carries more than half of all pollutants entering Florida surface waters. Runoff from streets and parking lots is responsible for 80 to 95 percent of heavy metals (for example, lead zinc, iron, cadmium) that enter surface waters. Unmanaged stormwater runoff from the City is jeopardizing water quality in both the lakes mentioned above. Retrofitting of stormwater pollution treatment and adoption of Best Management Practices (BMP's) is necessary to reduce pollutant loadings to acceptable levels (i.e., consistent with Chapter 17-2562, F.A.C.).

Future Needs Assessment

Stormwater Runoff--There is vacant land within the City that will become developed as the City grows in population. The regulations of the SJRWMD (Chapter 40C-42, F.A.C.) require that new development projects install stormwater pollution treatment. However, single family units which are not part of a "larger plan of development" are exempt from these requirements. In order to reduce pollution generation by numerous "sub-threshold" projects, the City should coordinate with Orange County enforcing stormwater standards to ensure that individual housing units provide adequate stormwater treatment.

Summary and Recommendations

The lakes in Edgewood are important aesthetic and recreational natural amenities. The lack of true recreation and open space land within the City can be partially offset by the expanse of the lakes. The City should coordinate with the County in enforcing stormwater Best Management Practices for all developments. Also, adoption of policies regarding shoreline vegetation clearing and a public education program concerning the use of pesticides, herbicides, and yard clipping disposal could reduce the amount of nutrient entering the water.

WATER SUPPLY

Introduction

All human activities are ultimately dependent upon the availability of water, whether for industry, agriculture or direct human consumption. Consequently, the water supply directly limits the potential for economic and population growth in a community. Withdrawal of water for human consumption also has environmental consequences. Withdrawals of groundwater from surficial aquifers can affect groundwater table elevations, which might adversely impact wetlands. Groundwater withdrawals from deep aquifers have little or no effect on surface conditions, but could increase the likelihood that the groundwater supply could be contaminated by saltwater intrusion, unless the water resource is carefully managed.

Existing Conditions

The City of Edgewood currently uses 0.227 million gallons per day (MGD) of water which is supplied by the Orlando Utilities Commission (OUC). This is 3.3% of OUC's total average demand. The ultimate source of this potable water is the Floridan Aquifer which provides high quality water requiring little treatment. The Public Facilities Element provides further information on current water use.

Current and estimated future water needs for Edgewood are given in Table 4-1 of the Potable Water sub-element. The estimates were made using projected future population and current GPCPD. These estimates are based on the following assumptions: (1) Population estimates accurately reflect expected growth in Edgewood; (2) estimates of GPCPD water usage are representative of the Edgewood population; (3) water usage is linearly dependent upon population change; and (4) GPCPD water usage rates will remain constant over time. The last assumption may be especially vulnerable to changes in land use. Should a large industrial plant be established that uses large amounts of potable water from the public supply system, the GPCPD would be skewed upward; disproportionate increases in agricultural or landscape irrigation would also account for greater per capita water usage. However, the water use estimates assume that no water conservation measures, which would reduce per capita consumption and possibly reduce overall water demand below the figures given, will be imposed during the projection period. This assumption provides a conservative "safety-factor" in these estimates.

Existing water regulations that affect water consumption in the City or Edgewood include those imposed by the St. John's River Water Management District (SJRWMD), Orange County and the City itself. The SJRWMD has statutory authority to regulate all consumptive use of water, including groundwater and surface water withdrawals for public water supply or irrigation use. At present, the SJRWMD requires that consumptive use permit (CUP) applicants who are using potable water to irrigate golf courses, pastures or fruit not intended for direct human consumption to investigate sources of reclaimed wastewater and arrange to use such water where it is available and not economically prohibitive.

Existing and Future Needs Assessment

The Orlando Utilities Commission has sufficient capacity to meet the existing demands of the City. Consequently, there are no pressing water supply needs facing the community which require immediate attention by the City.

Future Needs Assessment

In the next 10 years Edgewood's demand for potable water will rise to 0.281 MGD, an increase of 24%. During this period OUC will continue to supply the City's water. OUC is currently operating at 47% of design capacity, thus the City's increased demand should create no supply problems. The current high water quality is also expected to be maintained.

Summary and Recommendations

Orlando Utilities Commission has sufficient supply of potable water for the City or Edgewood. Future demand by the City will increase insignificantly compared to the OUC's entire service area. Water quality meets all federal and state standards and is expected to continue to in the future .

Even though the City has an adequate water supply for the planning period, they have added some water conservation measures could be included into the City codes. For example, a landscape ordinance encouraging the use of native vegetation in new development sites would help extend the available water supply Article I, Section 114-6 addresses water efficient landscaping.

AIR QUALITY

Introduction

State air quality standards are set by the Department of Environmental Regulation Protection (DERFDEP), and appear in Chapter 17-262, F.A.C. The standards are identical to the National Ambient Air Quality Standards (NAAQS) set by the Environmental Protection Agency except for sulfur dioxide and particulates, for which the State standard is more stringent.

Air pollution is defined not only by ambient air quality in the region, but also by the source of the pollutants. EPA defines the source as either stationary or mobile. Stationary sources refer to point sources characterized by smokestacks or polluting machinery and operations. Mobile refers to automobiles. Their different characteristics requires different solutions to reduce emissions.

Existing Conditions

Air quality data specifically for the City of Edgewood is not available due to the City's small size. For this reason, data from Orange County is used which has been analyzed by the County's Environmental Protection Department.

The most significant source of air pollution in the City is from auto emissions. These emissions are high in ozone which is the predominant component of photochemical smog. Ozone is also a pulmonary irritant that affects the mucous lining, other lung tissue and respiratory functions. This can have harmful affects to those suffering from respiratory illnesses such as asthma, chronic bronchitis and emphysema. For the general population, ozone is capable of producing eye, nose and throat irritation.

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The state and federal air quality standard for ozone is 0.12 parts per million. An exceedence-excedence of the ozone standard was recorded on March 3, 1983 in Orange County. No other exceedences have been recorded through 1989. The County was redesignated as an air quality maintenance area for ozone on May 15, 1987. The most

recent Air Quality Index (AQI) report for Orange County reveals that, from 2005-2007, the County has consistently had over 75% of the year with days reporting as "Good" air quality. This measure includes ozone, sulfur dioxide, nitrogen dioxide, and carbon dioxide.

Orange County has identified one point source of air pollution in Edgewood: Florida Mining and Materials at 101 Mary Jess Road. This company is currently operating within federal and state guidelines and is reviewed periodically. The characteristic pollutant is concrete dust.

Total suspended particulate (TSP) are particles suspended in the air and of local origin. Particulate matter is emitted from both natural and manmade sources. Natural sources account for the greatest portion of TSP, on a global basis. Natural forms of TSP include: pollen and spores, sea salt, wind blown dust and products of combustion from wildfires. Manmade sources include: motor vehicles, commercial ovens, utility boilers, industrial boilers and dryers, and most material handling processes in industry.

~~TSP samples collected in the County during 1989 averaged 42 micrograms per cubic meter. The State standard for TSP is 60 micrograms per cubic meter over a 24-hour sampling period. The United States Environmental Protection Agency has developed a uniform standardized daily air quality reporting index called the Pollution Standard Index. Locally, this is known as the Air Quality Index (AQI). This was done in order to provide a simplified method of advising the public of any possible adverse health effects, due to air pollution, on a day-to-day basis.~~

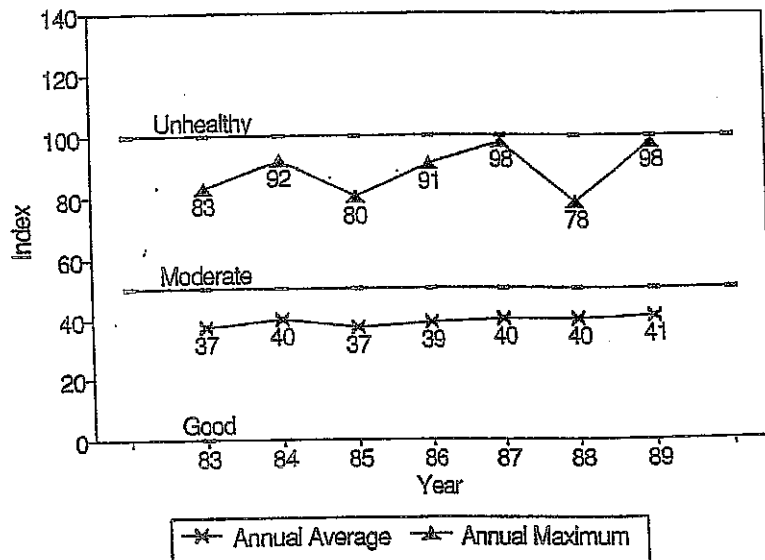
~~In Orange County, the measured levels of two criteria pollutants (total suspended particulate and ozone) are used to obtain a single index number. This index number is translated into a single descriptor word that characterizes the air quality for that particular day. The five descriptor words are good, moderate, unhealthy, very unhealthy, and hazardous.~~

~~For 1989, the County's annual average index value was 41 (good). See Figure 5-1 for a summary of historic AQI data.~~

Figure 5-1

AIR QUALITY INDEX

Orange County, FL 1983-89



Existing and Future Needs Assessment

Although the current AQI for the Orange County and Edgewood is good, the past trend shows a steady increase that can be expected to continue in the future. The primary cause of the increase is from increases in automobile traffic. Any improvements in the AQI will only be brought about by greater efficiency in traffic components such as engine combustion, roadway design and signalization; or reduction in the number of automobiles, which is highly unlikely trips, which may come through increased multi-modal transportation options.

Summary and Recommendations

Air quality in the City of Edgewood is presently good, and is likely to remain so for the near future. However, increases in traffic congestion could result in increased vehicular emissions at certain locations within the City. The City should continue to monitor the traffic situation and, if necessary, should consider the following options:

1. Transportation System Management--This includes a variety of measures designed to increase the efficiency of the existing traffic network. They include actions such as: (a) encouraging mass transit use by establishing transit shelters, (b) encouraging use of bicycles by commuters by establishing safer bike facilities, (c) improving traffic flow through intersections by installing actuated signals, or tying signal timing at several intersections together through a progressive or computer controlled network. This can be achieved through coordination with the County and FDOT.
2. Roadway Construction or Improvements--Construct new transportation facilities, or improve old ones to increase their capacity (e.g., by adding lanes or reconstructing intersections to include longer and more turn bays). This can be achieved through coordination with the County and FDOT.

More aggressive means of controlling vehicular emissions need not be considered until a specific air quality problem (or potential problem) is identified by the ~~FDER~~FDEP.

Stationary sources can be controlled through Land Development Regulations that ensure industrial type land uses control emissions.

ENDANGERED AND THREATENED SPECIES

Introduction

The everyday activities of obtaining the essentials of food, clothing and shelter in a modern, urbanized society unavoidably disrupts the natural environment. The clearing of land for crops, housing developments and shopping centers means a reduction in the amount of natural habitat for the various plants and animals which live in the Edgewood area. For many species, the adverse affects which human activities have on their

survival are minimal. However, in some cases human disturbances threaten to eliminate a species entirely. In the past, some species were driven to extinction through excessive hunting pressures (e.g., the passenger pigeon), but today direct endangerment of that kind is only a problem with a few species which are illegally poached. Today most species threatened with extinction are in trouble because their habitat is being lost to development.

The preservation of species is important for aesthetic, ecological and economic reasons. Plants and animals are valuable simply because they are attractive or interesting to humans. More importantly, almost all species have some role in maintaining the natural ecological balance necessary to prevent outbreaks of pests or other undesirable environmental affects. Lastly, plant and animal species may have some commercial significance, or may be important in maintaining a commercially harvested biological system (e.g., crops dependent upon insect pollination, or "bait" fish which serve as prey for a commercially valuable species). For these reasons the federal government has extended protection in the Endangered Species Act of 1973 to those species that are endangered or threatened with extinction. The State of Florida has also recognized the need to preserve threatened species with the Florida Endangered and Threatened Species Act of 1977, and the provisions of the State Plan. Because development decisions are ultimately made at the local level, and development is one of the principal factors accelerating the loss of species, the City must plan for the protection of endangered species.

Existing Conditions

The Official Lists of Endangered and Potentially Endangered Fauna and Flora of Florida (FGFWFC, 1986) Florida's Endangered and Threatened Species report, Updated October 2012, by the Florida Fish and Wildlife Conservation Commission were used as the basis for the Edgewood list (Table 5-2). The Florida Forest Service, Federally Listed Plant Species was also used. Those species whose geographic ranges included Orange County the Edgewood area were included in the list. Geographic ranges for species were derived from a variety of sources including the series Rare and Endangered Biota of Florida (Pritchard, 1978), a computer listing maintained by the Florida Department of Transportation (FDOT, 1986), and published keys and field guides (Conant, 1975; Peterson, 1980; Blair, et al., 1968) the FNAI biodiversity database, Biodiversity Matrix Map Server). Species for whom geographic range information was detailed enough to determine that its range in Orange County did not include the Edgewood area were excluded from the list. To this list, those species occurring in Orange which had been given ranks of S1 or S2 by the Florida Natural Areas Inventory (FNAI) were added; these species represent those which the FNAI has reason to believe are endangered or threatened.

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Fifty-three~~Eighteen~~ species listed as endangered or threatened by the U.S. Fish and Wildlife Service (USFWS) may occur in Edgewood based on their geographic ranges. Suitable habitat for many of these species may exist in the City or its vicinity. However, the habitat available for some of these species must be considered "marginal" due to its

small size, poor condition or its lack of the peculiar conditions needed by the species. Nevertheless, listed species may still occur even in the absence of ideal habitat.

The information in Table 5-4-2 is only as current as the lists obtained from the various agencies at the time the plan was prepared. Likewise, the information about the geographic ranges of species is only as current as the sources used. In this sense, the list of species is conservatively large. However, the range of some of these species is not well known, and there may be species which occur in Edgewood unobserved. Nevertheless, the Edgewood list probably includes most, if not all, of the listed species which may affect natural resource planning in the city.

Existing Needs Assessment

The lack of appropriate habitat in Edgewood, makes it unlikely that many of these species will occur. The birds may be present in the area on a temporary basis because of their long range travel and feeding habitats. The gopher tortoise may inhabit the citrus grove sites within the City limits. The presence of gopher tortoises in the City would be significant not only because they are a State Listed Species of Special Concern, but also because three other listed species (indigo snake, Florida mouse and gopher frog) are known to inhabit gopher tortoise burrows with regularity.

The approval of new development within largely natural areas may affect one or more of the above species. In order to prevent unintentional and/or unmitigated harm to endangered or threatened species within the City, an assessment should first be made to determine more accurately which species are present and where. Once the areas known to provide habitat for listed species are identified, any development proposed for such areas should be required to provide for maintenance of the endangered population on site or its relocation to suitable habitat nearby.

Future Needs Assessment

Identification of any and all listed species within the City and the establishment of development regulations governing their protection will provide for limited protection for those populations in the direct path of near-term development plans. Land acquisition, which is a commonly used method to preserve listed species, is impractical in Edgewood because of the City's urban character and lack of significant undeveloped land.

Summary and Recommendations

There are 53-18 species listed by either the U.S. Fish and Wildlife Service, the State of Florida or the Florida Natural Areas Inventory which may occur in Edgewood, given their geographic distributions and the availability of suitable habitat in the City. The future persistence of some of the species in Orange County outside of wildlife reserves is in doubt.

In order to insure that the persistence of listed species is not further endangered by development activities, the following actions should be taken:

1. Conduct Listed Species Survey--The City should have a thorough biological study conducted in its remaining natural areas to determine which, if any, listed species do occur or have a strong potential to occur based on the availability of suitable habitat. This study should provide population estimates for those species that are found, and should specifically designate parcels of land likely to be inhabited by listed species.
2. Develop Listed Species Protection Ordinance-- Development regulations describing measures that developers should take to identify, preserve or relocate listed species that occur on their property should be established once the listed species survey (#1, above) is completed.

Table 5-2 Listed Species

Species (Common Name)	Designation
<u>Bird</u>	
Little Blue Heron	State Species of Special Concern (SSC)
Snowy Egret	SSC
Wood Stork	Federally-designated Endangered (FE)
Southeastern American Kestrel	State-designated Threatened (ST)
Limpkin	SSC
Ivory-billed Woodpecker	FE
Red-cockaded Woodpecker	FE
<u>Mammal</u>	
Florida Mouse	SSC
Sherman's Fox Squirrel	SSC
<u>Reptile</u>	
American Alligator	SSC
Eastern Indigo Snake	Federally-designated Threatened (FT)
Florida Pine Snake	SSC
Short-tailed Snake	ST
Gopher Tortoise	ST

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<u>Plants</u>	
<u>Clasping Warea</u>	<u>FE</u>
<u>Srub Lupine</u>	<u>FE</u>
<u>Pigeon Wings</u>	<u>FI</u>
<u>Florida Bonamia</u>	<u>FI</u>
<u>Britton's Beargrass</u>	<u>FE</u>

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Table 5-1
Endangered Species List

GROUP	LATIN NAME	COMMON NAME	USFWS	STATE	FHAI	HABITAT?
Invertebrate	Trigonopelastes floridana	Scrub palmetto flower beetle	UR2		S?	
	Orsotrochus aratus	Southeastern reakeg			S?	
	Sorophus cavillaris	Sandhill clubtail			S?	
	Protophysa alachuensis	Tammy sand clubtail			S?	
	Libellula jesseana	Purple chaser			S?	
	Didymops floridensis	Maldenian cruiser			S?	
	Triaxodes furcilla	Little fork triaxode caudisfly			S?	
	Egretta caerulea	Little blue heron		SEC	S4	
	Egretta thula	Snowy egret		SEC	S4	
	Egretta tricolor	Louisiana heron		SEC	S4	
Birds	Nycticorax nycticorax	Black-crowned night heron			S3?	N
	Nycticorax violaceus	Yellow-crowned night heron			S3?	N
	Nycteria americana	Hood stork	E	E	S2	
	Plegadis falcinellus	Glossy ibis			S2	
	Accipiter cooperii	Cooper's hawk			S3?	
	Elanoides forficatus	Swallow-tailed kite	UR5			N
	Haliaeetus leucocapillus	Southern bald eagle	E	T	S2B3	N
	Falco columbarius	Hawlin			S4	N
	Falco peregrinus tundrius	Peregrine falcon	T	E	S2	N
	Falco sparverius paulus	Southeastern American kestrel	UR2	T	S3?	N
	Ardea herodias	Limpkin		SEC	S3	
	Grus canadensis	Sandhill crane		T	S2B3	
	Aimophila aestivalis	Bachman's sparrow	UR2		S?	N
	Campylorhynchus principalis	Ivory-billed woodpecker	E	E	SX	N
	Picoides borealis	Red-cockaded woodpecker	E	T	S2	N
	Picoides villosus	Hairy woodpecker			S3?	
	Athene cunicularia	Florida burrowing owl		SEC	S3	N
Mammal	Neotoma floridana	Florida weasel	UR2		S3?	
	Plecotus rafinesquii	Southeastern big-eared bat	UR2		S3?	N
	Neotoma floridana	Round-tailed muskrat	UR2		S3?	
	Peromyscus floridanus	Florida mouse	UR2	SEC	S3	
	Sciurus niger shermani	Sherman's fox squirrel	UR2	SEC	S2	
Reptile	Alligator mississippiensis	American alligator	T (S/A)	SEC	S4	
	Dryanodon corais couperi	Eastern indigo snake	T	T	S3	
	Lampropeltis calligaster	Mole snake			S2B3	N
	Pituophis melanoleucus mugitis	Florida pine snake	UR2	SEC	S?	
	Stilosoma extenuatum	Short-tailed snake	UR2	T	S3	
Plants	Gopherus polyphemus	Gopher tortoise	UR2	SEC	S2	
	Parsea borbonica var. humilis	Dwarf redbay, redbay parsea	UR3			
	Hanea amplexifolia	Clasping warea	E	E	S1	
	Peronichia chartacea	Paper-like nailwort	T		S2	
	Clitoria fragrans	Butterfly-pea	UR2		S3	
	Lupinus aridorum	Scrub lupine	E	E	S1	
	Asclepias curtiissii	Curtis milkweed		T	S3	
	Polygonella acrophylla	Small's jointweed	UR5		S2B3	
	Ilex opaca var. arenicola	Scrub holly	UR5		S3	
	Agalinis pupurea var. cart.	Carter's large purple foxglove	UR2			N
	Agalinis stenophylla	Narrow-leaved false foxglove	UR2			N
	Bonania grandiflora	Florida bonania	T	E	S3	
	Coelorachis tuberculosa	Florida jointtail	UR2		S3	
	Hexastylis floridana	Fall-flowering ixia	UR2	E	S2	N
	Nolina brittoniana	Britton's beargrass	UR2		S2	
	Asplenium plenum	Double spleenwort	UR2	T	S4	N

Source: REFPEC Database

VEGETATIVE COVER AND WILDLIFE HABITAT

Introduction

Even within urbanized areas like the City of Edgewood, stands of natural vegetation provide a number of important benefits. The most direct beneficiaries of natural vegetation within an urban area are those plant and animals species for whom the vegetation provides breeding or foraging habitat. Even where the wildlife habitat within the urban area is sub-optimal, such areas can still provide connections between preserves of higher quality habitat along which plants and animals may disperse. The physical presence of vegetation may moderate climatic conditions by providing shade and windbreaks for nearby development; additionally, their lower reflectivity reduces the "heat island" effect of urban development, which may affect rainfall patterns. Where hydrologic conditions are appropriate, natural areas may contribute to groundwater recharge or flood storage. Lastly, these natural areas also provide humans with aesthetically pleasing open spaces and, if properly developed and managed, recreational opportunities.

Existing Conditions

Habitat Inventory--Following is a description of the principal habitats present within the City of Edgewood. Vegetative cover was identified by field surveys of selected areas. The plant communities identified this way were not easily categorized into existing classification schemes, such as the Florida Land Use Cover and Classification System (FLUCCS) or the system of the Florida Natural Areas Inventory (FNAI). Four distinct vegetative community types were identified, and each type is described briefly below.

Orange Groves--Several orange groves exist within the City, but were killed from past freezes (One of the groves is currently being replanted the others lie dormant). The groves possess qualities similar to that of a scrub habitat. Common scrub animals that may be present are: spotted skunk, cottontail rabbit, beach mouse, eastern mole, white-eyed towhee, mockingbird, loggerhead shrike, yellow-rumped warbler, palm warbler, ground dove, coachwhip snake, eastern diamondback rattlesnake, six-lined racerunner, oak toad, and gopher frog. The most significant listed species that may occur in scrub is the gopher tortoise.

Oak Forest (Xeric Hammock)--Oaks, principally live oak, dominate the canopy. In some locations where this community type occurs the oak forest takes the form of a mesic hardwood hammock: trees are large, and canopy closure is nearly complete, forming a park-like understory. Duever, et al. (1982) report that typical animals in a mature xeric hammock may include: "... cotton mouse, grey squirrel eastern flying squirrel, eastern mole ... screech owl, blue jay, black racer, Carolina anole, southern toad and squirrel tree frog." The indigo snake, short tailed snake and (where sufficient open areas exist) gopher tortoise are among the rare and endangered fauna which may be found on these sites. The immature oak forests which have yet to develop into true hammocks

may support a fauna more like that of the pine flatwoods communities from which they have evolved.

Non-Forested Wetlands--Wetland areas characterized by a variety of emergent and floating aquatic plants, which may include cattails, various rushes and sedges, pickerel weed, aquatic grasses, water lilies and the exotic water hyacinth. Willows may also be included in this classification, although as trees they are not "non-forested" wetlands, strictly speaking. Because of the small number of wetlands, their small areal extent and their diversity, it is not possible to further subdivide them into various types based on their characteristic vegetation. For the same reason, it is not possible to relate this classification to that of the FNAI.

Open Water--Includes the four lakes around Edgewood. Because non-forested wetlands are found on the littoral margins of open waters, many (if not all) of the species cited above may be found in open waters of the City. However, there are a few species which are not found in vegetated wetlands which do use open waters, or which are more appropriately classified as open water species. These include many fishes, the most common of which are probably various species of minnows, mol lies, killifish, shad and catfish. Game fish such as the largemouth bass and bream species (e. g., . bluegill, warmouth, red-ear) will likely also occur, though not in numbers and sizes suitable for much sustained recreational fishing.

Assessment of Conditions--Only 120 acres or 27% of the City can be characterized as undeveloped wildlife habit; this includes: undeveloped land, citrus groves, wetlands and open water (FLUCCS categories 191,231,600,500 respectively). It is likely that many of the parcels are too small to support " a truly diverse habitat. Assuming that the undeveloped land and dead citrus groves reach build-out in the future, native species will be relegated to the lakes, the four acres of wetlands, and residents yards.

The 100 year floodplain occupies 57 acres or 13% of the City. The 100 year floodplain represents a biologically diverse sampling of natural areas that persist today in Edgewood, and contain many of the elements necessary to maintaining high wildlife abundance and diversity. Those areas which contain wetlands and/or open water are especially important, since access to water is necessary for almost all wildlife and is essential for those species which require such habitat for feeding or breeding.

Existing Needs Assessment

Unlike housing or public facilities, natural vegetation and wildlife habitat can only be lost, never created. Once a natural area has been cleared for agriculture or urban development, it is technically difficult and usually practically impossible to restore what was lost. Since the City now possesses as much natural habitat as it ever will, there are no issues which can be identified as "existing needs" with respect to vegetative communities and wildlife habitat. However, considerable action can be taken by the City to ensure that representative amounts of natural communities' presently occurring in

Edgewood are conserved, and habitat for wildlife is optimized, as development proceeds in the future. These issues are addressed in the next section.

Future Needs Assessment

As Edgewood continues to grow economically and in numbers of inhabitants, pressure to develop the City's remaining natural plant communities will increase. In keeping with the urban character of the City, and the desire to limit "sprawl" development, few if any of these existing natural areas can be preserved if development is to be permitted within Edgewood. Nevertheless, many of the objectives of the State and Regional Plans with regard to conservation of natural communities and wildlife habitat can be achieved within Edgewood through careful planning. In particular, the regulation of floodplains and the approval of new development can ensure that wildlife habitat and natural vegetation can be maintained in the City. Towards this end, the following actions should be taken:

Establishment of Landscaping/Open Space Ordinances- - Natural vegetative communities are usually cleared during site preparation for development in the absence of requirements to the contrary, given the short-term economic benefits of doing so. To ensure that natural open spaces are maintained for aesthetic, health and environmental reasons, regulations which require the maintenance of open space in new development or re-development should be promulgated. The preservation of native vegetation should be encouraged in such an ordinance, both to preserve natural habitat and conserve potable water used for irrigation (see Water Conservation section).

Revision of Flood Damage Prevention Ordinance--Unrestricted development of floodplains will eventually result in loss of flood storage with damaging consequences despite flood-proofing. Consequently, placement of fill in the 100 year floodplain should be discouraged through the requirement that compensatory storage be created for all such fill. (See Floodplain Management section). In order to advance natural vegetation and wildlife habitat values, the revised ordinance should encourage property owners to use those portions of their property in the floodplain to satisfy open space requirements. Because a large fraction of the City's natural vegetation is found within the floodplain, this action will have the effect of simultaneously preserving wildlife habitat while ensuring future flood protection.

Summary and Recommendations

Natural vegetative communities are a dwindling resource. The loss of natural communities even within an urbanized area such as the City of Edgewood may have long-term repercussions on the future persistence of those community types and the wildlife that inhabit them within Orange County. Additionally, their loss would reduce the aesthetic, ecological, climatic and hydrological benefits associated with the maintenance of open space and natural vegetation.

A dual approach to the protection of natural vegetation and wildlife habitat could accomplish much, while limiting the cost to the public. Regulation of floodplain development can ensure this important wildlife area remains viable. Enacting a requirement that new development set aside open space areas, preferably of natural vegetation, will provide aesthetic, water conservation, and climatic benefits as well wildlife habitat. These measures combined will act to achieve a city landscape that is a mosaic of the built and natural environments.

FISHERIES

Introduction

Freshwater fisheries are of immense recreational, economic and ecological value in Florida. Freshwater fish populations also constitute an important link in a food chain which supports many large predators other than Man, such as the bald eagle and the alligator.

The maintenance of existing fisheries is of importance in local government planning because development activities on-shore (especially at the water's edge) can dramatically affect the ability of a lake, stream or estuary to support viable fish populations. However, the concern for fisheries impacts is not limited to near-shore development. The indirect effects of development far inland, such as increased stormwater runoff or sewage discharge, can have adverse consequences for fisheries just as serious as direct destruction of aquatic habitat.

Existing Conditions

Edgewood is situated between four lakes that each provide recreational fishing but no commercial fishing due to their size and limited fish population. The types of fish which would most likely occur in this area are listed in Table 5-2. Edgewood's lakes undoubtedly provide prey for ospreys and wading birds, and possibly other predators such as the raccoon, alligator or bald eagle. There are also no marine habitats within Edgewood.

Existing Needs Assessment

There is little or no immediate threat to the lakes that form the basis of the freshwater fisheries habitat in Edgewood, with the possible exception of stormwater runoff.

Future Needs Assessment

Development of the lands surrounding freshwater lakes will subject them to a variety of potential environmental threats. Development effects which may adversely affect fisheries in ponds include: (1) clearing of littoral zone vegetation in the lake, which would reduce fish habitat and natural sediment trapping/nutrient assimilation functions; (2) removal of natural vegetation bordering the lake, which could increase erosion

potential and sediment transport; and (3) introduction of urban stormwater pollutants into the lake . The City should take steps to ensure that future development avoids these potential adverse effects.

Table 5-2
Fish in the Edgewood Area Lakes

Common Name	Scientific name
American eel	<i>Anguilla rostrata</i>
Bluefin killifish	<i>Lucania goodei</i>
Bluegill	<i>Lepomis macrochirus</i>
Bluespotted sunfish	<i>Enneacanthus gloriosus</i>
Bowfin	<i>Amia calva</i>
Brook silverside	<i>Labidesthes sicculus</i>
Brown bullhead	<i>Ictalurus nebulosus</i>
Chain pickerel	<i>Esox niger</i>
Channel catfish	<i>Ictalurus punctatus</i>
Coastal shiner	<i>Notropis petersoni</i>
Dollar sunfish	<i>Lepomis marginatus</i>
Everglades pygmy sunfish	<i>Elassoma evergladei</i>
Flagfish	<i>Jordanella floridae</i>
Florida gar	<i>Lepisosteus platyrhincus</i>
Gizzard shad	<i>Dorosoma cepedianum</i>
Golden shiner	<i>Notemigonus crysoleucas</i>
Golden topminnow	<i>Fundulus chrysotus</i>
Lake chubsucker	<i>Erimyzon sucetta</i>
Largemouth bass	<i>Micropterus salmoides</i>
Least killifish	<i>Heterandria formosa</i>
Longnose gar	<i>Lepisosteus osseus</i>
Mosquito fish	<i>Gambusia affinis</i>
Redbreast sunfish	<i>Lepomis auritus</i>
Redear sunfish	<i>Lepomis microlophus</i>
Redfin pickerel	<i>Esox americanus</i>
Seminole killifish	<i>Fundulus seminolis</i>
Spotted sunfish	<i>Lepomis punctatus</i>
Swamp darter	<i>Etheostoma fusiforme</i>
Tadpole madtom	<i>Noturus gyrinus</i>
Treadfin shad	<i>Dorosoma petenense</i>
Warmouth	<i>Lepomis glaucus</i>
White catfish	<i>Ictalurus catus</i>
Yellow bullhead	<i>Ictalurus nebulosus</i>

Summary and Recommendations

Freshwater fisheries in the City of Edgewood are of little commercial importance, although their ecological and recreational contribution may be significant. The lakes in Edgewood should be protected from the direct effects of new development to ensure that fish populations are minimally affected. Specific actions which the City could adopt include:

1. Establishment of a maximum allowable shoreline clearing distance for development of waterfront property. By establishing a relatively small maximum allowable clearing distance (e.g., 30 feet or 20% of frontage, whichever is larger) would reduce the loss of shoreline and littoral vegetation needed to sustain fisheries habitat and good water quality in lakes.
2. ~~Establishment of off-line retention requirement. Adoption of an off-line retention (i.e., "first flush" diversion) requirement for drainage systems would ensure that the contribution of future development would be minimized (see the Water Quality section).~~
- 3-2. Development of stormwater retrofit program. A program to identify and implement treatment for the unchecked stormwater entering the lakes should be established (see : Public Facilities Element, Sub-Element: Drainage).
- 4-3. Prohibition of inappropriate dredge/fill projects. The City development code should be modified to prohibit those projects which are only feasible through dredging and/or filling of wetlands and deepwater habitats, except for those projects which are of overriding public interest.

FLOODPLAIN MANAGEMENT

Introduction

Floodplains are those areas which become inundated by water on a regular, recurring basis. The most familiar floodplains are those associated with permanent bodies of surface water, such as lakes and rivers; following large rainstorms, the surface of these water bodies increases in elevation and floods low-lying adjacent lands. Floodplains are described according to the frequency with which they are inundated. The annual floodplain is the elevation to which water rises, on average, every year during the wet season. The 100 year floodplain is the elevation to which water is expected to rise roughly once in every 100 years; there is therefore a 1% chance that the 100 year floodplain will be inundated in any given year. Although floodplains are always associated with permanent surface waters, some areas which appear "dry" most of the time may flood after large storm events and therefore may be included in the floodplains of lower return frequency (e.g., 25 year, 100 year floodplains).

Development within floodplains can have many undesirable effects. Structures located in floodplains that are not designed to withstand flooding or the hydrodynamic forces associated with flooding can be damaged. Roads and public utilities located within floodplains can become dangerous or unusable during times of high water if their elevation is below the flood crest elevation. Some of these effects can be ameliorated through "flood-proofing," which consists largely of constructing the habitable area of buildings above the flood elevation by placing the building on fill or (less frequently) on raised pilings. Flood-proofing is not a panacea, however. Its purpose is largely to limit permanent damage to a structure to make it usable after the flood, not to make it continuously habitable during the flood (FEMA, 1986).

Flood-proofing also has its own adverse consequences. When new development is flood-proofed through the use of fill to raise floor elevations, the fill displaces part of the flood storage capacity of the floodplain. Although the degree to which flood elevations would rise as a result might be inconsequential for a few minor intrusions, each new development in the floodplain contributes to the increase in the flood elevation. Eventually, if left unchecked, the placement of fill in the floodplain can raise flood elevations to levels which would flood structures previously believed to be above the floodplain. In areas where the floodplain is associated with flowing waters (either permanent or intermittent), the placement of fill may reduce not only flood storage but flood conveyance as well. By "backing up" floodwaters which would otherwise drain away, flood elevations can also be increased to the point where previously safe structures are threatened.

Recognizing the public health, safety and welfare problems associated with floodplain development, the U.S. Congress enacted the National Flood Insurance Act of 1968 (Public Law 90 -448, 82 Stat .476) establishing a federal program of floodplain management, part of which involved the creation of the National Flood Insurance Program to provide flood damage insurance to private property owners. The availability of the insurance is dependent upon the adoption by local government of floodplain management regulations that meet certain federal requirements. The Federal Emergency Management Agency (FEMA) produces Flood Insurance Rate Maps (FIRM maps) which delineate the areas which are subject to flooding under specific conditions (e, g., 100 year flood, hurricane storm surge), and for which floodplain management regulations should apply. Although communities are eligible for the NFIP after adopting the minimum federally required floodplain management regulations, FEMA encourages the adoption of stricter standards which further reduce reliance on flood-proofing and structural controls, and increases the protection of the natural resource values of floodplains (FEMA, 1986).

Existing Conditions

A floodplains map has been prepared as part of the Future Land Use Element. The data used to prepare this map was obtained from the Edgewood Flood Insurance Rate Map (FIRM) produced for the National Flood Insurance Program Orange County map server, water layer. See the Future Land Use Element for further details and a copy of the map.

A total of 57.5 acres, or 13% of the City of Edgewood is located within the 100 year floodplain. Most of the the floodplain is developed; 51.1 acres (89%) of floodplains support commercial, utilities, parks, transportation, institutional or residential land uses. Of the remainder, 6.4 acres (11%) is undeveloped. The floodplain map found in the Future Land Use Element illustrates the location of the floodplains within the City, and the land uses found there.

The City currently has zoning codes that mandate a 50 foot setback from the mean high normal water elevation. This may be insufficient to protect developed land uses because the 100 year floodplain extends an average of 80 feet from the mean high water elevation with a average of 2 feet of water over land elevation. The City adopted new regulations in 2009 to address and implement additional floodplain management.

Existing Needs Assessment

The City complies with and participates in the National Flood Insurance Program. Only 6.4 acres of undeveloped floodplain exist within the City, therefore extensive rules concerning floodplain development are unnecessary.

Future Needs Assessment

Future expansion in floodplains should insure that any loss in floodplain storage from fill projects will be mitigated by onsite retention.

Summary and Recommendations

The City of Edgewood has experienced near complete floodplain build out. Regulations concerning floodplain management should address expansion of existing land uses to mitigate loss of floodplain storage.

SOIL CONSERVATION AND MINERAL RESOURCES

Introduction

The presence of vegetation binds and holds topsoil in place, resisting the action of wind and water to strip the soil away. Whenever land is cleared of vegetation the soil is subject to wind and water erosion. Erosion is a serious problem for several reasons: (1) topsoil, which is essential to agricultural production and which takes many years to accumulate, can be lost; (2) erosion along stream or canal banks can reduce their structural soundness, resulting in the collapse of the bank and the actual loss of land area; (3) soil eroded by the wind can cause respiratory problems in human beings; and (4) the transport of sediment by water into streams, lakes or estuaries can cause severe damage to aquatic ecosystems through the resulting increases in turbidity and direct siltation of aquatic organisms.

Fortunately, the gentle slope of the land in most parts of central Florida reduces the general potential for soil erosion below that experienced in highly erosive parts of the country. Nevertheless, individual projects may cause significant harm if erosive conditions are left unchecked. This is true even of development sites, where the exposure of bare soil to a few weeks of heavy rains may cause sedimentation problems in surface waters or in drainage systems. The FDER-FDEP has established turbidity criteria for surface waters (s. 47-3.06462, F.A.C.), and both the FDER-FDEP and the Water Management Districts (WMDs) require that projects permitted by them use erosion control measures to protect surface waters from increases in turbidity. However, these controls do not apply to projects which escape the FDER-FDEP or WMD permitting processes.

Existing Conditions

The Department of Community Affairs' Minimum Criteria Rule for local government comprehensive plans requires the identification of areas which the local soil and water conservation district has determined to have soil erosion problems (s. 9J-5.013, F.A.C.). According to the U.S. Department of Agriculture's Soil Conservation Service, Edgewood has no consistent soil erosion problems. See Appendix A.

According to the Florida Department of Natural Resources Environmental Protection, Edgewood has no mineral resources of major economic significance. However, sands and clayey sands are present in the surface and near-surface throughout the area. Clayey sand is used in construction and road base as fill material. It is unlikely these sediments will be commercially valuable due to their low volume, but may be used locally for fill purposes. See Appendix B.

Future Needs Assessment

It is unlikely that any new large scale mining operations will be begun~~begin~~ in the City. Likewise, recent freezes have made citrus grove profitability so uncertain that it is doubtful that additional areas will be opened up for agriculture. However, conversion of former agriculture sites and other undeveloped lands to urban development may result in intense, though temporary, erosion problems if not adequately controlled. There are numerous Best Management Practices guidelines available from state and federal agencies which, if applied uniformly on all cleared lands, would effectively manage soil erosion and sedimentation problems for agriculture, development and mining activities.

Summary and Recommendations

Edgewood has no erosion problems, nor are any expected in the future. New urban development is the most likely source of soil erosion, and can be controlled through the adoption of soil conservation Best Management Practices as a part of the City's building code.

Mining should be banned in the City due the disruption it can cause in an urban neighborhood community.

HAZARDOUS WASTE AND MATERIALS

Introduction

Hazardous materials are substances which have one or more of the following properties: ignitable, corrosive, reactive or toxic. This definition encompasses a variety of materials, from exotic organic solvents used in electronics manufacture to household cleaners and pesticides. "Hazardous wastes" are the residues of hazardous materials, or by-products of a process which produces a substance with hazardous properties.

The regulation of the storage, transport and disposal of hazardous wastes is a responsibility of the ~~FDER-FDEP~~ and is addressed in Chapters 17-30, 17-31, 17-32 and 17-33~~62-710,730,731,737, and 740~~, F.A.C.

Although large industrial plants may have the greatest potential to cause a single, large scale hazardous waste/materials contamination problem, the threat from many small quantity generators is probably more serious due to the relatively uncontrolled manner in which such wastes may be stored and discarded. Even small spills of a household hazardous material, such as used motor oil, may contaminate many thousands of gallons of surface water or groundwater. Disposal of hazardous materials in household trash may represent a significant threat to environmental quality and human health, since these materials may accumulate and leach out from old landfills constructed without liners and/or leachate collection systems.

Existing Conditions

The Orange County Environmental Protection Department (OCEPD) provided a list of hazardous waste generators in Orange County. From this list, ten generators were identified in the Edgewood area (See Table 5-3). None are directly within Edgewood.

Hazardous waste types reported in the Edgewood area were: waste inks, spent solvents, solvent still bottoms, acids or caustics, photographic waste, lead-acid batteries, and waste oil/greases. The most common reported was waste oil/greases which are related to the automotive businesses. Storage methods reported were: above and below ground tanks, 55-gallon drums, various sized cans, or on the ground, floor or rack. The most common storage method was 55-gallon drum. Disposal methods reported were: privately hauled to landfill, open pit or pond, permitted hazardous waste facility, public sewer, recycled, or treated by neutralization. The most common disposal method was recycling. Recycling and disposal to a permitted hazardous waste facility are the proper disposal methods. The other methods introduce the waste into the environment where they can cause damage.

There are no data available on the extent of the domestic hazardous waste problem for Edgewood. However, the average American household typically stores 3 to 10 gallons of waste in the form of used solvents, pesticides, paints, waste oil and other products (Environmental Task Force, 1986). The FDER and OCEPD have conducted "Amnesty Day" programs on which household hazardous wastes, including banned and illegal chemicals, are collected from the general public at collection centers with no questions asked. These programs have been enormously successful, resulting in the collection of over 1.5 million lbs. of waste statewide (FDER, 1987).

Table 5-3
Edgewood Hazardous Waste Generators

Company	Waste Type	Monthly Amount	Storage Method	Disposal Method
Bell Equipment Rental & Sales	L	90 gal	2	4,8
	H	120 bat.	6	8
	Y	2400 gal	9	4,8
Auto Beauty Care, Inc.	L	2 gal	4	4
	H	2 gal	4	8,14
Brouder Printing Company	S	2 gal	4	6
	I	1 lb	4	1

Key:

Waste Type	Code	Storage Method	Code
Waste inks	I	Above ground tanks	1
Spent solvents	L	Below ground tanks	2
Solvent still bottoms	H	55 gallon drum	3
Acids or caustics	P	Various sized cans	4
Photographic waste	S	On ground, floor, or rack	6
Lead-acid batteries	H	Other	9
Waste oils/greases	Y		
		Disposal Method	Code
		Privately hauled to landfill	1
		Open pit or pond	4
		Permitted hazardous waste facility	5
		Public sewer	8
		Recycled	8
		Treated by neutralization	13
		Other	14

Sources: Orange County Environmental Protection Department

Existing Needs Assessment

The largest existing problem is that of improper waste disposal. Although the City has little direct involvement in the management of hazardous wastes, it should help to identify those businesses which might be waste generators and encourage them to find appropriate means to discard their wastes. This program should be performed in coordination with the Orange County Environmental Protection Department.

Future Needs Assessment

Because responsibility for the management of hazardous wastes and materials is vested in the ~~FDER-FDEP~~ and county governments, there is little direct action that the City can take to assist in their control. However, the City can provide assistance to those programs in several ways. One such way is to provide approval for the placement of a temporary "Amnesty Day" collection site within the City should the program be continued by the ~~FDER-FDEP~~ or Orange County. By providing easy access to such a collection center, the City would improve the chances that a significant fraction of the populace would use the opportunity to discard improperly stored wastes.

Additional support can be lent to existing programs through the City's building code and site plan approval process. The City can ensure that those business which, by their nature, use or generate hazardous materials comply with the necessary building facilities to prevent the loss of these materials into the environment. Proposed industrial parks which are to include tenants which generate, store or use hazardous materials should be designed so as to limit the potential adverse impact of accidental spills through appropriate design of buildings and drainage systems. Requiring the construction of interim storage facilities for hazardous materials located at a common point on the grounds of an industrial park would simplify the problems associated with containing and transporting the materials to a proper treatment facility.

Summary and Recommendations

The City does not, at present, harbor any large quantity hazardous waste generators. However, the amount of wastes generated by small quantity commercial generators and households are sufficiently large to pose environmental and human health hazards. The City's role in hazardous waste management is somewhat limited. Nevertheless, active cooperation with the ~~FDER-FDEP~~ and the County in their programs would benefit the City and its residents if the amount of improperly stored and discarded wastes could be reduced. The City continues to meet with Orange County regarding the solid waste program.

RECREATION AND OPEN SPACE ELEMENT
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City of Edgewood
Recreation and Open Space Element

DATA SET - Existing Recreation Areas {9J-6-014(1)}

Edgewood and the surrounding areas were inventoried in order to determine the number of existing parks, recreational facilities and open spaces available for use by Edgewood residents. A list of these facilities follows. There are no public recreation or open space facilities within the City itself; private facilities within the City are minimal. There are, however, several significantly large recreational facilities outside of Edgewood yet still within Edgewood's recreational district and within easy reach of its residents.

TABLE 6-1
EXISTING RECREATIONAL FACILITIES

Name	Type	Acreage	Available Facilities
Moss Park	Regional	1,551.0	Camping, Swimming, Showers, Restrooms, Barbecue Grills, Fishing, Boat Ramps, Playground Equipment, Tennis Courts, Ball Field, Nature Trails, Picnic Tables Pavilions, Horseshoe Pitching Area, Sports Equipment
Cypress Grove Park	Regional	80	
West Colonial Complex	Special Facilities	9.5	Soccer and Rugby Fields, Restrooms
Woodsmere Boat Ramp	Special Facilities	--	Freshwater Ramp
Randolph Boat Ramp	Special Facilities	--	Freshwater Ramp
Warren Park	Community	8.5	Swimming Beach, Ball Diamond, Horseshoe Pitching Area, Picnic

			Tables, Pavilions, Barbeque Grills
Camelot Apt. Complex	Private	--	Swimming Beach, Tennis Courts, Picnic Tables
Pine Castle Elementary	School	2.0	Ball Field, Hard Courts
TOTAL PARK ACREAGE		1,574,651.0	

ANALYSIS OF CURRENT NEEDS AND ANALYSIS OF FUTURE NEEDS

The City of Edgewood has no public recreational facilities within its city limits; however, city residents have access to recreational facilities within Orange County. There are currently 1,574-1,651 park acres available to Edgewood residents. If Moss Park, a regional park, is not included in this total, then the acreage drops to 20. The current recreational needs of the City's residents are being met by the facilities identified in Table 6-1 within Orange County. Orange County is currently meeting its Level of Service (LOS) of 1.5 acres per 1000 people for recreational facilities, which is the same LOS adopted into the City's policies. With the population projections for Edgewood through 2030, the City is meeting and will continue to meet its LOS policy for provision of recreational facilities. Some of the areas of the county are lacking in access to activity based parks, but Edgewood is not within one of those areas; three of the County's activity based parks are accessible to Edgewood's residents. (See Orange County Plan Recreation Element.)

Table 6-2
Projected Recreational Facility Needs

Table 6-2		*BEBR Medium Estimates BEBR Medium Estimates			
	Census	2015	2020	2025	2030
	2010				
Population	2503	2671	2892	3103	3303
Recreational Facilities Needed (acres)	3.8	4.0	4.3	4.7	5.0

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The four lakes that surround the City provide for recreation and open space; however they cannot be considered when determining a level of service. The Lake Conway chain is accessible by the Randolph boat ramp, just outside of the City, and Lake Jessamine is accessible by the Woodsmere boat ramp on the west side of the lake.

~~ANALYSIS OF FUTURE NEED~~

~~Orange County is planning a 70-acre activity-oriented park, called Cypress Grove Park, in the dead citrus groves abutting the north shore of Lake Jessamine. Construction is tentatively scheduled to begin in early 1991 with a phased, five year buildout. This would raise park acreage in the local area to 90 acres and in the regional area to 1,641 acres.~~

~~Edgewood residents continue to pay County taxes, and a portion of those taxes are used by the County for parks and recreational facilities. Through intergovernmental coordination with Orange County, Edgewood will ensure that the County continues to provide an adequate level of service for parks and recreation. The City will adopt Orange County's level of service because Orange County will be the main provider of recreation services for the City.~~

REFERENCES

- ~~1. Florida Recreation and Parks Facility Inventory. Florida Department of Natural Resources. Recreation and Parks Management Information System. November 1988.~~
- ~~2-1. Orange County, Florida: Parks and Recreation Master Plan 1986-1991. Orange County Parks Dept. 1986 Inventory listing at www.ocfl.net, 2012.~~
- ~~2-2. City of Edgewood Comprehensive Plan.~~

INTERGOVERNMENTAL COORDINATION ELEMENT
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City of Edgewood

Intergovernmental Coordination Element

Introduction

The existing Intergovernmental Coordination mechanisms have been inventoried and are presented in Table 7-1 in this Element. The inventory includes local municipalities, county offices, state agencies, sub-state districts, and federal agencies which provide services, planning and technical assistance, and/or have regulatory authority over land use. All of these existing Intergovernmental Coordination mechanisms are effective in addressing any issues between the City of Edgewood and any other jurisdictions.

The Comprehensive Plan Elements describe various issues which potentially involve adjacent jurisdictions and state agencies.

Primary Intergovernmental Issues

There are three primary intergovernmental issues that the City could improve coordination and thus improve the quality of Life ~~life~~ for City residents.

1. Transportation

Orange Avenue (SR 527) which divides the City of Edgewood is a principal arterial operating at LOS EC. ~~Widening of this roadway should be an~~ Continued coordination with Orange County and FDOT will remain a priority.

2. Recreation and Open Space

The City of Edgewood sets the LOS for Recreation and Open Space the same as Orange County's LOS. The City is almost completely developed and land is of limited quantity and size; thus future park creation is not feasible. ~~The Orange County maintains many parks in the area that adequately serve the residents of Edgewood. A new park is being planned by the County adjacent to the northwest side of the City. Coordination between the City and County on site design special access point locations can ensure that park is beneficial to Edgewood residents as well as other County residents.~~

3. Water Quality/Drainage

The City of Edgewood is surrounded by four lakes which provide aesthetic and recreation benefits. These lakes suffer from degradation caused by uncontrolled stormwater runoff. ~~Orange County is currently conducting a county-wide study of drainage systems. Continued monitoring of lake water quality by OCEPD and~~

retrofit of old drainage systems, determined to be contributing pollutants, can ensure that the lakes remain a benefit to City residents.

Existing intergovernmental coordination with the agencies included in Table 7 -1 involves informal communication between the City Clerk and the listed agencies. There have been no problems with this existing intergovernmental coordination mechanism. This plan provides provisions for ensuring that public facilities and services will be available concurrent with development. Policies addressing availability of Public facilities and services concurrent with development include provisions for coordination with the appropriate agencies.

~~The opportunity for intergovernmental coordination with regard to assess in a drainage needs and preparing a Stormwater Master Plan for the City of Edgewood and the surrounding area will be pursued by the City. The City will coordinate with Orange County and the adjacent City of Belle Isle to develop and implement a stormwater master plan.~~

~~There also exists a need for intergovernmental coordination with regard to provision of recreational facilities. There are no recreational facilities within the jurisdiction of the City limits; Edgewood's residents are served by recreational facilities within Orange County and the City of Orlando. Edgewood currently has no intergovernmental agreements with either of these local governments to ensure the continued provision of recreation services to Edgewood residents. The City will pursue inter local agreements with both of these local governments to ensure the provision of recreational services to City residents throughout the planning period. continues to coordinate use of Orange County parks facilities for its residents.~~

Sub-State and Special Districts

AGENCY OR OFFICE WITH COORDINATING RESPONSIBILITY	COORDINATION OF	OR		AUTHORITY: FL. STATUTE OR OTHER
		S	PDIA	
East Central Florida Regional Planning Council	Regional comprehensive planning; review of developments of Regional Impact; local government comprehensive plans and amendments; local government technical assistance	S PDIA		F.S., Chapter 360
St. Johns River Water Management District	Manage fresh water supplies for the wide variety of social and natural resources needs; protect floodplains	S PDIA		F.S., Chapter 374, 069
Orlando Area Metropolitan Planning Organization	Prepare ongoing comprehensive transportation plans for urbanized areas; directs federal transportation funds	PDIA		F.S., Chapter 339, 175
Orlando-Orange County Expressway Authority	Intergovernmental agency to design and build toll roads	PDIA		F.S., Chapter 348, None

* a Regulatory authority over land use
S Service to City of Edgewood
PDIA Planning & Technical Assistance

AGENCY OR OFFICE WITH COORDINATING RESPONSIBILITY	Orange COORDINATION OF	4B S PATA	AUTHORITY: FL STATUTE OR OTHER
Environmental Protection	Monitoring of air and water quality; inspects hazardous waste producers; provides other environmental technical information	S PATA	Informal agreement
Fire Department	Providing fire protection	S	Contract
Planning Department	All planning and development issues affecting both jurisdictions	PATA	Informal agreement
Public Utilities	Wastewater/sewer	S	Contract
Tricounty Transportation Authority Recreation and Parks	Mass transit/bus service Provides parks and recreational activities	S S	Informal agreement County millage assessment
School Board	Public school system K-12	S	County district, operates independently of Orange County administration
Sheriff's Department	Police protection	S	Mutual assistance agreement
Orange County Library	Library service	S	None

* R Regulatory authority over land use
 S Service to City of Edgewood
 PATA Planning & Technical Assistance

LOCAL GOVERNMENT	COORDINATION OF	REMARKS
City of Orlando	Other Land Use Agreements	
Planning and Development Dept.	Local comprehensive planning; issues affecting both jurisdictions	Informal agreement
Police	Police protection	Mutual assistance agreement

* R Regulatory authority over land use
S Service to City of Edgewood
P&T Planning & Technical Assistance

PRIVATE UTILITY	Private Utilities	
	COORDINATION OF	MECHANISM
Carlevison of Orlando	Cable television	Franchise contract
Orlando Utilities Commission	Potable water	Contract
Northern Waste, Inc.	Solid waste disposal; residential & commercial	Contract
Florida Power	Electric Power Service	
Peoples Gas Company	Gas Service	
Southern Bell	Telephone service	

TABLE 7-1
INTERGOVERNMENTAL COORDINATION MECHANISMS

AGENCY OR OFFICE WITH COORDINATING RESPONSIBILITY	State of Florida Agencies and Divisions		AUTHORITY: FL STATUTE OR OTHER
	COORDINATION OF	4R S PATA	
Department of Community Affairs	Comprehensive plan; local government technical assistance	S PATA	F.S., Chapter 183, 186, and 380
Dept. of Environmental Regulation	Quality of air, water, and land; control of pollution including: noise, solid and hazardous waste management; implementation if SARA Act	R S PATA	F.S., Chapter 20.261
Bow and Fresh Water Fish Commission	Protection of wild animals and fresh water aquatic life; recreational development; aquatic weed control	S	F.S., Chapter 372
Dept. of Transportation	Comprehensive statewide transportation plan including: highways, urban systems, air routes, and public transportation; licensure and regulation of transportation systems	R S	F.S., Chapter 20.23
Department of Health and Rehabilitative Services	Delivery of health and social services offered by the State to those persons in need of assistance.	S	None

* R Regulatory authority over land use
S Service to City of Egoood
PATA Planning & Technical Assistance

Report of Natural Resources

PMTA

Administration, as well as development and conservation of natural resources. Development and maintenance of the Comprehensive Outdoor Recreation Plan.

Department of State
Division of Historic Resources

PMTA

Protection of historic sites and properties.

* R Regulatory authority over land use
S Service to City of Edgewood
PMTA Planning & Technical Assistance

MAP 7-1 Extrajurisdictional Planning Areas Table 7-1

Intergovernmental Coordination Mechanisms

Agency	Coordination of	*Role
Florida Department of Transportation	Comprehensive statewide transportation planning; licensure and regulation of transportation systems	R, S
Florida Fish and Wildlife Conservation Commission	Protection of wild animals and freshwater aquatic life; recreational development; aquatic weed control	R, S, P&TA
Florida Department of Economic Opportunity	Comprehensive planning, local government technical assistance	S, P&TA
Florida Department of Environmental Protection	Quality of air, water, and land; control of pollution	R, S, P&TA
Florida Department of Health	Delivery of health and social services offered by the State to people in need of assistance	S
Florida Division of Historic Resources	Historic property preservation	P&TA
St. Johns River Water Management District	Manage fresh water supplies for social and natural resource needs; protect floodplains	R, S, P&TA
East Central Florida Regional Planning Council	Regional comprehensive planning and local government plan review and technical assistance	S, P&TA
Orlando Area Metropolitan Planning Organization	Prepare ongoing comprehensive transportation plans for the region; direct federal transportation funds	P&TA
Orlando-Orange County Expressway Authority	Agency to design, oversee, and build toll roads	P&TA
Orange County Government	Air quality monitoring, parks, fire, police, wastewater/sewer, libraries	S, P&TA
City of Orlando	Mutual Assistance police protection	S

* R- Regulatory authority over land use

S- Service to City

P&TA- Planning and technical assistance

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Capital Improvements Element

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1. PURPOSE OF THE CAPITAL IMPROVEMENTS ELEMENTS

The Capital Improvements Element (CIE) has several purposes:

- 1) To summarize the public facility needs that have been identified in the Plan elements.
- 2) To assess the City's financial ability to provide these needs.
- 3) To provide, for public facilities in a manner that is consistent with the Comprehensive Plan and the Future Land Use Element in particular.
- 4) To adopt a financially feasible, Five Year Schedule of Improvements consistent with adopted level of service (LOS) standards.
- 5) To adopt Goals-Objectives-Policies which direct future development to be consistent with the Comprehensive Plan and the concurrency provisions of 9J-5.0055-FAC.

9J-5.0055(1) (a) states: "For the purpose of issuance of development orders and permits, the local government must adopt level of service standards for public facilities and services located within the area for which such government has authority to issue development orders and permits" (emphasis added). While Edgewood is not a "service provider city, LOS standards must still be adopted in coordination with the government entities which provide services to the City as stated above. Because the city issues development permits, LOS standards must be adopted.

The following public facilities requiring LOS standards are included in the Concurrency Management System requirements of 9J-5.0055-F.A.C. Florida Statutes:

- | | |
|-------------------|-------------------------|
| 1) roads | 4) drainage |
| 2) sanitary sewer | 5) potable water |
| 3) solid waste | 6) parks and recreation |

2. PUBLIC FACILITY SERVICE DELIVERY IN EDGEWOOD

The City of Edgewood receives services from several governmental entities and one private contractor. The City consists of 442 acres approximately 904 acres located in the southern metropolitan Orlando area between the central downtown core and the outer suburban areas. The City is essentially surrounded by urban land uses with a principal arterial road (SR 527, Orange Avenue) defining a linear development pattern. Like other small cities in the metro-Orlando area, Edgewood has developed as an urban node which

receives public facility services from larger governmental entities. Table 8-1 shows service providers.

Table 8-1
Provision of Public Facilities in Edgewood

Facility	Provider
Roads: arterial local	FDOT and Orange County, Edgewood
Water	Orlando Utilities Commission
Sanitary Sewer	Orange County
Solid Waste	Western Waste Management, Inc. - collection, Orange County - landfill disposal
Drainage	Edgewood, FDOT and Orange County
Parks and Recreation	Orange County*

*The City does not contain a park-recreation system. Residents utilize the Orange County park system, which does not have any facilities located in Edgewood.

3. INVENTORY OF EDUCATIONAL AND HEALTH CARE SYSTEMS SERVING EDGEWOOD

Education

The Education Plant Survey conducted for Orange County by the Department of Education 2012/2013 School Attendance Zone Maps for Orange County Public Schools was used to determine which schools service the City of Edgewood. The following public schools serve grades K-12:

School	Grades	Capacity
Pershing Elementary	K-6	634
Pine Castle Elementary	K-6	634457
Pine loch Elementary	K-6	510482
Conway Jr. High Walker Middle	7-9	40321199
Memorial Jr. High Middle	7-9	9851191
Oak Ridge High	10-12	24802180

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SOURCES:

Department of Education, Tallahassee, Florida. Educational Plant Survey: Orange County Schools. January-February 1984. Orange County Public Schools, Concurrency Data, 2010/2011.

HEALTH CARE

The major components of the public health care system serving Edgewood:

Hospitals	Beds
1) Brookwood Community Hospital, 1800 Mercy Drive, Orlando	153
2) Florida Hospital Orlando, 601 E. Rollins St., Orlando	805
3) Humana Hospital Lucerne, 818 S. Main St., Orlando	267
4) Laurel Oaks Hospital, 6601 Central Florida Pkwy., Orlando	60
5) Orlando General Hospital, 7727 Lake Underhill Drive, Orlando	197
6) Orlando Regional Medical Center, 1414 S. Kuhl Ave., Orlando	885
7) Orlando Regional Medical Center, 9400 Turkey Lake Rd., Orlando	150
8) Winter Park Memorial Hospital, 200 N. Lakemont, Winter Park	301

There are no public healthcare facilities located within the City of Edgewood.

In addition to these facilities there are:

- 20 nursing homes
- 36 other residential and long-term care facilities
- 5 mental health facilities
- 12 substance abuse facilities

SOURCES:

1987 Florida Health Care Atlas, Department of Health and Rehabilitative Services, Office of Comprehensive Health Planning Office of Regulation and Health Services.

It is not anticipated that any new public education and health care systems will be added in the planning period (2000, 2005). Should this change in the future, impact on infrastructure facilities would be assessed in the CIE annual update and review.

4. PUBLIC FACILITY NEEDS DERIVED FROM PLAN ELEMENTS - SUBJECT TO CONCURRENCY

Plan Elements identified only one capital improvement need, a traffic signal on Orange Avenue. The remaining facilities are adequate for the duration of the planning period, 2000 and 2005. Eleven capital improvement projects are scheduled for the 2012-2013 budgetary year. No additional projects are planned at this time.

There are no additional deficiencies, repair, replacement, or future growth needs.

TABLE 8-2
Facility Needs Subject to Concurrency

Plan Element	Facility	Existing Deficiency Identified Need	Repair/Replacement Future Growth	Responsible Entity
1. Traffic Circulation Transportation	roads-arterial	none		FDOT
	roads-local	none		Edgewood
2. Potable Water	potable water	none		Orlando Utilities Commission
3. Sanitary Sewer	sanitary sewer	none		Orange County
4. Solid Waste	solid waste	none		Western Waste Management, Inc. and Orange County
5. Drainage	drainage	none (subject to change pending the results of the Stormwater Master Plan)		Edgewood, FDOT, Orange County
6. Recreation and Open Space	parks	none		Orange County

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5. OTHER PUBLIC FACILITY NEEDS - NOT SUBJECT TO CONCURRENCY

Edgewood does not have fiscal responsibility for public facilities which are subject to concurrency, with the exception of local roads. However, the City does provide police service for its residents. Police vehicles are a capital improvement need for Edgewood that is not subject to concurrency. Approximately every other year the City will replace one of its three police vehicles. The proposed replacement calls for a vehicle to be purchased in Fiscal Year 1991, 1993, 1995, and so on. Approximate cost: \$12,000. This item will not appear in the Five Year Schedule of Improvements as it is not subject to concurrency.

6. LEVEL OF SERVICE STANDARDS DERIVED FROM PLAN ELEMENTS

Level of Service (LOS) standards are an indicator of the extent of service provided or proposed to be provided by a facility based on its operational characteristics. LOS indicates the capacity per unit of demand for each public facility. Chapter 163 F.S. and 9J-5, F.A.C. requires LOS standards to be included for public facilities addressed by local governments in their comprehensive plans. Specifically, these LOS's will be established to ensure that adequate facility capacity will be maintained and provided for in the future to serve the City's residents. LOS standards can affect the timing and location of development by encouraging growth in areas where facilities have excess capacity. On the other hand, development will not be permitted unless needed facilities and services are provided. The provision of services and new development may occur in a phased sequence over time.

Level of service standards must be adopted for those services located within the area for which the city has authority to issue development orders and permits. ~~{(9J-5.0065(1)(a))}~~ Although the city does not have operational or fiscal responsibility for these services, the issuance of development orders and permits will affect the level of service. Therefore, it is necessary for the city to adopt those standards which have been identified by the service providers. In most cases this requires planning coordination with other governmental entities. Table 8-4-3 lists the LOS standards which will apply for concurrency.

Table 8-3
LOS Standards for Facilities Subject to Concurrency

Facility	Level of Service	Service Provider
Roads		
Orange Avenue (SR 527)	FE	FDOT
Hansel Avenue (SR 527)	FE	FDOT
Holden Avenue	E	Orange County
Gatlin Avenue	E	Orange County
Potable Water	325 gallons/dwelling unit/day (reclaimed) 300 gpd per equivalent residential connection	Orlando Utilities Commission
Sanitary Sewer	300 gpd per equivalent residential connection	Orange County

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Solid Waste	Two per week per household 6.0 lbs per day per person-4 pounds/person/day	Western Waste/Waste Management, Inc. (collection) Orange County (disposal)
Parks	1.5 acres per every 1000 people Same as Orange County	Orange County
Drainage		Edgewood, FDOT, Orange County
* all storm events are 24-hr. duration		
Bridges	50 year	
Canals, ditches or culverts for drainage external to the development	25 year	
Crossdrains, storm sewers	10 year	
Roadside swales for drainage internal to the development	10 year	
Detention/Retention basins	25 year	
Retention/Detention basins (no positive outfall)	100-year*	
*meet pre and post development runoff volumes and rates for the 25-year, 96-hour storm event		
Water Quality: For a dry retention system retain 1 inch of runoff from the contributing basin or 1.25 inches of runoff from impervious areas, whichever is greater, plus half an inch of runoff from the contributing basin, whichever is greater. For a wet detention system detain 1 inch of runoff from the contributing basin or 2.5 inches of runoff from the impervious areas, whichever is greater.		
Stormwater quantity = post development stormwater runoff flow rates, peaks, and velocities shall be equal to or less than levels which existed prior to development for the 24-hour, 25 year, 24 hour storm event		
Stormwater quality = no degradation of existing water quality conditions in receiving waterbodies below the minimum conditions necessary to ensure the suitability of the water for the designated use of its		

classification as established in Ch. 17-
302, F. A. C.

7. INVENTORY OF FINANCIAL RESOURCES

The four categories of revenue sources are local, county shared, state shared and federal shared revenue. Local revenue sources are those which the City of Edgewood may levy, collect and disburse at the local level. County shared revenue is, in Edgewood's case, generated locally but collected by the state and returned to the City. State shared revenue sources are those funds which are: (a) generated locally, but collected and later returned by state agencies to the City; (b) adopted as a local option tax or license fee, collected and returned by the state; or (c) shared by the state in the form of grants to the local government, by originated from state general revenue. Federal shared revenue is limited to grants for specific projects and uses such as Community Development Block Grant (CDBG). The elimination of the Federal Revenue Sharing Trust Fund in 1986 was a significant revenue loss for local governments. During FY 1989 the City received no revenue from Federal Revenue Sharing entitlements.

General Fund

For the fiscal year 2012/13, the City of Edgewood projects a total of \$ 3,165,596 in revenues from the following sources identified in Table 8-4:

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1. Ad Valorem — The City of Edgewood collects ad valorem taxes. Revenue generated from ad valorem taxes totalled \$253,184 in FY 1989-1990, millage rate of 3.4.
2. Fees, Charges, Investment Income and Other Miscellaneous This category includes licenses and permits, charges for services, fines and forfeitures, investment income, and other miscellaneous income (i.e. donations, sale of property etc.). This revenue source provides approximately 21.1 percent of General Fund Revenue (\$128,900 in FY 1989-90).
3. Franchise Taxes Franchise taxes in Edgewood are derived from the following utilities: telephone, electric, gas, cable TV and solid waste. Approximately 15.0 percent of General Fund revenue is derived from this source (\$91,100 in FY 1989-90).
4. County Shared Revenue This category consists of fees generated by the application for occupational licenses. In 1989-90 this revenue category equalled \$2,000 or approximately 0.3 percent of General Fund Revenue.

~~5. State Shared Revenue~~ This revenue category includes the state sales tax, the two-cent cigarette tax for municipalities and license fees. In FY 1989-90 this revenue category equalled \$134,379 (Intergovernmental minus Federal entitlement) or approximately 22.1 percent of General Fund revenue.

The following table shows a percentage breakdown for the General Revenue Fund which includes local, county, state and federal revenue.

Table 8-4

General Fund Revenue Sources	1989-902012/2013	ProfilePercentage
1. Ad-ValoremTotal Taxes	41.5%1,721,499	\$253,18454.38%
2. Shared RevenueTotal Licenses/Permits	0.346,750	2,0001.48%
3. Shared Revenue—State and FederalTotal Grant Funding	22.40	134,3790
4. Franchise TaxesTotal Intergovernmental Revenue	16.0436,100	91,40013.78%
5. Total Charges for Services	541,600	17.1%
5-6 Fees, Charges, Investment Income and Other MiscellaneousTotal Fines and Forfeitures	21.4414,072	128,90013.08%
7. Total Miscellaneous Revenues	100%5,575	\$609,5630.18%
Total	3,165,596	100%

As shown above, the City's major sources of revenues are from the Total Taxes category (54.38%), which includes ad valorem taxes, tangible taxes, franchise tax-gas, utility/service tax-power, utility service tax-water, and local communications service tax.

Transportation Special Revenue Fund

1. Local Option Gasoline Tax The local government has the option to levy a one or two-cent tax on gasoline. Edgewood currently levies a one-cent tax.
2. Gas Alternative Decal Fees This fee is collected by the state from users of diesel fuel. Edgewood receives a small portion of the revenue generated by this fee.
3. State Revenue Sharing The state disburses the eight-cent gas tax among its local governments. Edgewood is obligated to spend these funds on road construction or improvements.

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Table 8-5

Roads and Streets	2012/2013	Percentage
1. Local Option Gas Tax	76,000	85.1%
2. Transportation Impact Fee	0	0
3. Interest- SBA Road	90	0.1%
4. FDOT Reimbursement- Traffic Light	13,244	14.8%
Total	89,334	100%

SOURCE:

Ordinance Resolution No. 892012-35202. City of Edgewood Budget. 19892012-19902013.

This fund accounts for all revenues and expenditures in the provision and maintenance of local roads for City residents. The fund is predominantly self-supporting and receives revenue from three sources: a local option gasoline tax, gas alternative decal fees and state revenue sharing. The following chart shows a percentage breakdown for the Transportation Special Fund:

Table 8-5

Transportation Special Fund Revenue Sources	1989-90	Profile
1. Local Option Gasoline Tax	60.0%	\$52,729
2. Gas Alternative Decal Fees	0.1	100
3. State Revenue Sharing	20.3	17,800
4. Allocation from Trans. Fund	19.6	17,238
	100%	\$87,867

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8. EXISTING AND PROPOSED LOCAL POLICIES AND PRACTICES FOR CAPITAL IMPROVEMENTS.

Existing Practices

1. The City currently funds only two types of capital improvements: Improvements on the local roadway network (excludes county and state roads), and the purchase of vehicles for the City's police department.

2. Funding for capital improvements is provided through gas taxes (road improvements) and the general fund/ad valorem taxes (police vehicles).
3. The City does not provide its own water and sewer and, therefore, does not require impact fees for these services. There are no city impact fees or user fees in effect in Edgewood.
4. The City currently has no debt obligations and does not intend to acquire debt through general obligation or revenue bonds.
5. The City has designated a dollar amount threshold of \$10,000 that identifies an item as a capital improvement.
6. The City prepares and adopts an annual budget which includes any necessary capital improvements. The small scale operations of Edgewood do not necessitate a separate capital improvement program.
7. The City coordinates with service providers whenever a capital improvement project involves facilities which serve Edgewood.
8. The City will include drainage capital improvements in the capital improvements budget as recommended ~~required by the proposed Stormwater Master Plan to be completed by January 1993.~~

Proposed Future Practices

1. Maintain the above policies and practices with these exceptions:
 - a) A capital improvement will be defined as any item or improvement project which costs \$10,000 or more, and is expected to last five years or more.
 - b) Capital improvements will be identified as either subject to, or not subject to, concurrency management (9J-5-0055).
 - c) A capital improvement budget will be included in the City's annual budget.

9. THE CIE AND THE FUTURE LAND USE ELEMENT

The CIE demonstrates how public facilities will be provided in order to support future growth as discussed in the Future Land Use Element, and the land uses shown on the Future Land Use Map (FLUM). As discussed earlier, Edgewood provides only for its local roads. All other public facilities and services are provided by other governmental entities and one private contractor. The City's population is expected to increase modestly over the planning period. Demand for services is not expected to exceed capacity.

Population

Current 1990 1,100
Estimated 1995 1,332
Estimated 2000 1,440
Estimated 2005 1,504

At the present time there are no current or anticipated facility deficiencies. The FLUM does not illustrate dramatic or significant change for the City. If there are any pressures on the provision of services, it will be due to the expansion needs of adjacent jurisdictions competing for available capacity in water, sewer, roads, etc. Edgewood will need to maintain a strong commitment to intergovernmental coordination so that facilities that are shared by several local governments will continue to provide services in a fair and equitable manner. The Intergovernmental Coordination Element addresses the review of proposed development in other jurisdictions when that development impacts the City of Edgewood.

10. FISCAL ASSESSMENT

1. Following is a fiscal assessment for the City of Edgewood. A small percentage of the General Fund is used to purchase a new police vehicle every other year. (See Table 8-8.) The Transportation Special Fund is used to fund road maintenance or improvement projects that may or may not meet the designated threshold of \$10,000 for capital improvements.

2. ~~9J-5.016 Requirements that are not applicable:~~

~~9J-5.016(2)(f)2. Projection of debt service obligations for currently outstanding bond issues.~~

~~9J-5.016(2)(f)5. Projection of operating cost considerations.~~

~~9J-5.016(2)(f)6. Projection of debt capacity. The City currently has no debt; consequently its debt service is zero. Therefore, the City has a debt capacity of 100%. The City is projecting a debt capacity of 100% in the years 2000 and 2005. Since the estimated revenues are anticipated to be sufficient to meet the projected expenditures, the City is not projecting to incur any long-term debt.~~

3. Tables

~~8-6 Millage Rate 1989/90 through 1995/96~~

~~8-7 Projected Ad Valorem Tax Yield~~

~~8-8 Projected General Fund Revenue and Percent Allocated for Capital Improvements~~

~~8-9 Projected Expenditures for Capital Improvements~~

~~8-10 Capital Improvements Fiscal Assessment 1990/91 through 1995/96~~

~~Table 8-6
Millage Rate 89/90 through 95/96~~

Current	Projected				
89/90	90/91	91/92	93/94	94/95	95/96
3.4	3.4	3.4	3.4	3.4	3.4

~~Table 8-7
Projected Ad Valorem Tax Yield~~

89/90	90/91	91/92	93/94	94/95	95/96
\$253,000	\$303,000	\$310,000	\$335,000	\$352,000	\$370,000

~~Assumptions:~~

- ~~1. gross taxable value (FY90/91), \$89,348,891~~
- ~~2. annual 5% appreciation of gross taxable property value~~

Table 8-8
Projected Revenue
and Percent Allocated for Capital Improvements

	89/90	90/91	91/92	92/93	93/94	94/95	95/96
Total General Fund ⁽¹⁾	\$609,563	\$600,023	\$725,000	\$756,000	\$790,000	\$850,000	\$885,000
Percent of General Fund	0%	1.7%	0%	1.6%	0%	1.4%	0%
Total Transportation Special Fund ⁽²⁾ ⁽³⁾	\$87,867	\$92,260	\$96,873	\$101,717	\$106,883	\$112,143	\$117,750

¹ad-valorem tax yield (from Table 8-8) is assumed to be a slightly increasing percentage of the general fund.

1989/90: tax yield was 41.5% of the general fund

1990/91: tax yield was 43.3% of the general fund

²Projects paid for from this fund may or may not meet the capital improvement threshold of \$10,000.

³The Transportation Special Fund revenue was projected through Fiscal Year 1995/96 by assuming a 5 percent increase per year in revenue.

Table 8-96
Projected Expenditures

Five-Year Capital Improvements Schedule*

<u>Fund</u>	<u>Project Name</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
<u>541530-02</u>	<u>COMMERCE DRIVE -</u> <u>CUL-DE-SAC</u> <u>(Stormwater)</u>	<u>\$11,500</u>				
<u>541530-02</u>	<u>WINDSONG@</u> <u>HARBOUR ISLAND-</u> <u>LDSCP (1) (Roads &</u> <u>Streets)</u>	<u>\$2,650</u>				
<u>541530-02</u>	<u>WINDSONG@HARBOUR</u> <u>ISLAND-LOSCP (2)</u> <u>(Roads & Streets)</u>	<u>\$650</u>				
<u>541530-02</u>	<u>WINDSONG @</u> <u>HARBOUR ISLAND-</u> <u>LDSCP (3) (Roads &</u> <u>Streets)</u>	<u>\$2,800</u>				
<u>541530-02</u>	<u>WINDSONG@</u> <u>HARBOUR ISLAND-</u> <u>LDSCP (4) (Roads &</u> <u>Streets)</u>	<u>\$1,400</u>				
<u>541530-02</u>	<u>HEDGE COURT @</u> <u>LYNWELL DRIVE</u> <u>(Stormwater)</u>	<u>\$1,800</u>				
<u>549460-02</u>	<u>JAMAICA LANE-PUBLIC</u> <u>PORTION (Stormwater)</u>	<u>\$1,000</u>				
<u>541698-01</u>	<u>REPAIR INLET @</u> <u>SILVERA DR & VISCAYA</u> <u>AVE (Stormwater)</u>	<u>\$750</u>				
<u>541698-01</u>	<u>REPAIR INLET EROSION</u> <u>ON COMMERCE DR</u>	<u>\$2,500</u>				

	(Stormwater)					
541697-08	CLEAN STORMCEPTOR ON MANDALAY/ BALI HAI LAGOON (Stormwater)	\$2,500				
	CITY SIDEWALK REPAIR	\$15,000				
TOTAL CAPITAL IMPROVEMENT PROJECTS		\$42,550				

* Please note capital improvements have only been scheduled for the first budgetary year of the Capital Improvements Schedule.

for Capital Improvements

FUND/ITEM	90/91	91/92	92/93	93/94	94/95	95/96
GENERAL FUND						
1. police vehicle	\$12,000		\$12,000		\$12,000	
Total	\$12,000		\$12,000		\$12,000	
TRANSPORTATION SPECIAL FUND	No expenditure identified					

Table 8-10
Capital Improvements Fiscal Assessment
90/91 through 95/96

FUND/ITEM	90/91	91/92	92/93	93/94	94/95	95/96
GENERAL FUND						
Revenue	\$12,200	\$14,000	\$14,500	\$15,120	\$15,800	\$17,700
Expenditures	\$12,000	0	\$12,000	0	\$12,000	0
Balance	\$200	\$14,000	\$2,500	15,120	\$3,800	\$17,700
TRANSPORTATION SPECIAL FUND						
Revenue	\$92,260	\$96,873	\$101,717	\$106,803	\$112,143	\$117,750
Expenditures	0	0	0	0	0	0
Balance	\$92,260	\$96,873	\$101,717	\$106,803	\$112,143	\$117,750

TABLE 8-11
Capital Improvements Planned By Public Facility
Service Providers, Affecting Edgewood

	Project Description	Estimated Completion Date	Revenue Source	Responsible Entity
Potable Water Orlando Utility Commission	none			
Sanitary Sewer Orange County	Conserv II		Orange County, Orlando, EPA	Orange County, City of Orlando
Roads FDOT	Signalization at Lake Mary/Jess	Complete	Federal Aid Orlando Systems	FDOT
Orange County	none			
Drainage Orange County	none		Orange County Currently working Drainage Master	Undetermined (see Orange County Comprehensive Plan Stormwater Sub-Element
Parks Orange County	Cypress Grove Park	1995	Orange County	Orange County Parks & Recreation

TEN- YEAR WATER SUPPLY FACILITIES WORK PLAN

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1.0 INTRODUCTION

1.1 Purpose and Objectives

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The purpose of the City of Edgewood Water Supply Facility Work Plan (hereinafter the Work Plan) is to identify and plan for the water supply sources and facilities needed to serve existing and new development within the local government's jurisdiction. Chapter 163, Part II, F.S., requires local governments to prepare and adopt Work Plans into their comprehensive plans within 18 months after the water management district approves a regional water supply plan or its update. The St. Johns River Water Management District implemented their Water Supply Plan in 2005.

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The City of Edgewood residential and non-residential users purchase retail water directly from the Orlando Utilities Commission (OUC). This is enabled through a franchise agreement. OUC has franchise agreements to serve other local governments and area of unincorporated Orange County to ensure that enough capacity is available for existing and future customers in the OUC service area.

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According to state guidelines, the Work Plan and the comprehensive plan amendment must address the development of traditional and alternative water supplies, bulk sales agreements and conservation and reuse programs that are necessary to serve existing and new development for at least a 10-year planning period. OUC/City of Orlando adopted their Work Plan in 2007, which estimates future water supply needs through the year 2023.

OUC has completed a plan that addresses each of these requirements. Since the City of Edgewood does not produce potable water or have a potable water distribution system, the development of traditional water supplies and alternative water supplies.

and bulk sales agreements are not tasks that are possible to accomplish. Conservation and reuse programs administered by OUC are implemented throughout the service territory, including the City of Edgewood. Additionally, the City of Edgewood is implementing the Work Plan into the City's Comprehensive Plan by adding policies to address conservation and reuse. These policies are identified at the end of this Work Plan report.

DATA AND ANALYSIS

The information below is excerpted from the OUC Ten-Year Water Supply Facilities Work Plan, the OUC Consumptive Use Permit #3159, issued by the SJRWMD on May 10, 2011, the H2OUC Water Statistics, and the OUC Water Quality Report, 2012.

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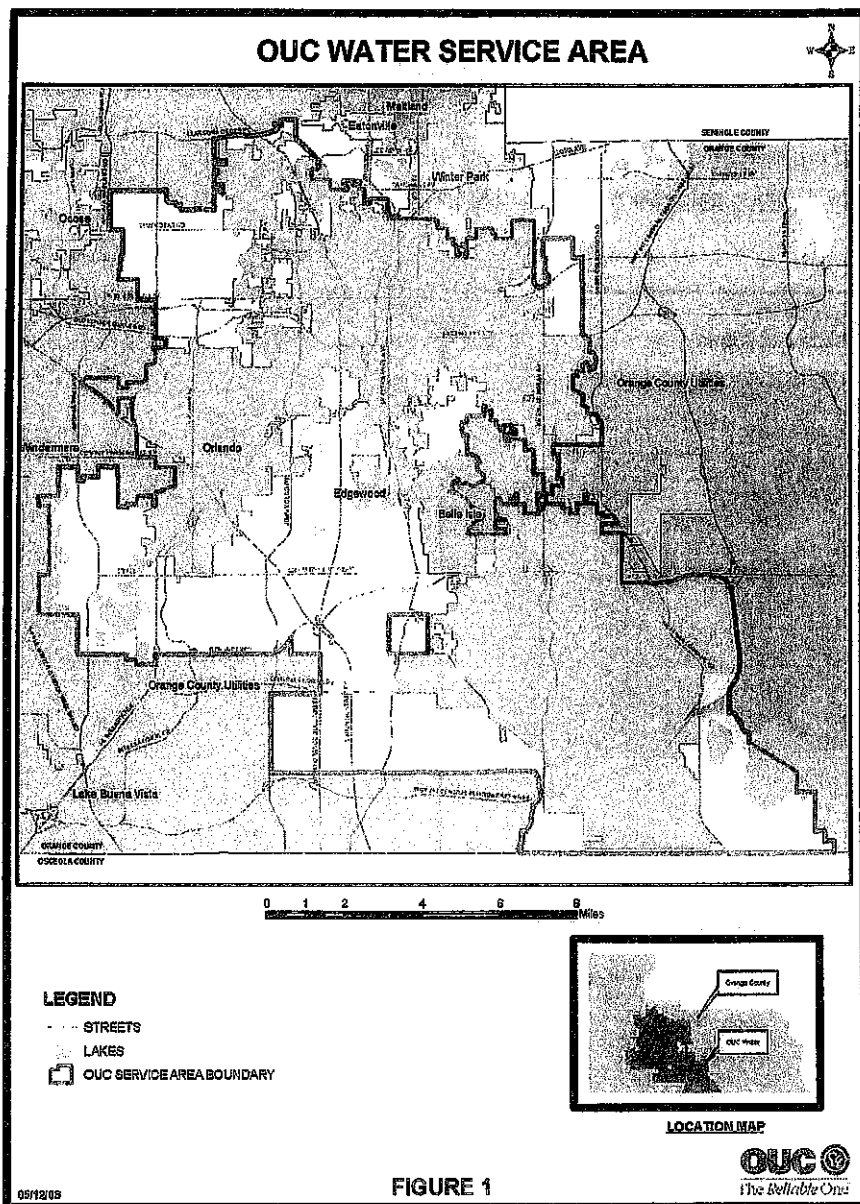
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Permit Conditions and Duration

OUC has a consumptive use permit (CUP) from the St. Johns River Water Management District (SJRWMD) for its potable water system. The permit (CUP No. 3159) was updated in May 2011, and will expire in 2023. The permit allows for ground water supply from the Florida Aquifer for 109.22 million gallons per day (mgd) and 11.1 mgd of reclaimed water from the Iron Bridge, Conserve I and Conserve II water reclamation facilities to serve a projected population of 522,848 in 2023 for household, commercial/industrial, irrigation, and water utility type use.

Service Area - Population Information and Potable Water Supply Demand Projections

CUP No.3159 allows OUC to provide water services to the OUC Potable Water Supply Service Area (Utility Service Area), which includes the City of Edgewood, and surrounding areas as shown in Figure 1 from the OUC Work Plan, inserted below. Approximately 364,500 customers are served over 195 square miles, with a population of about 423,900.

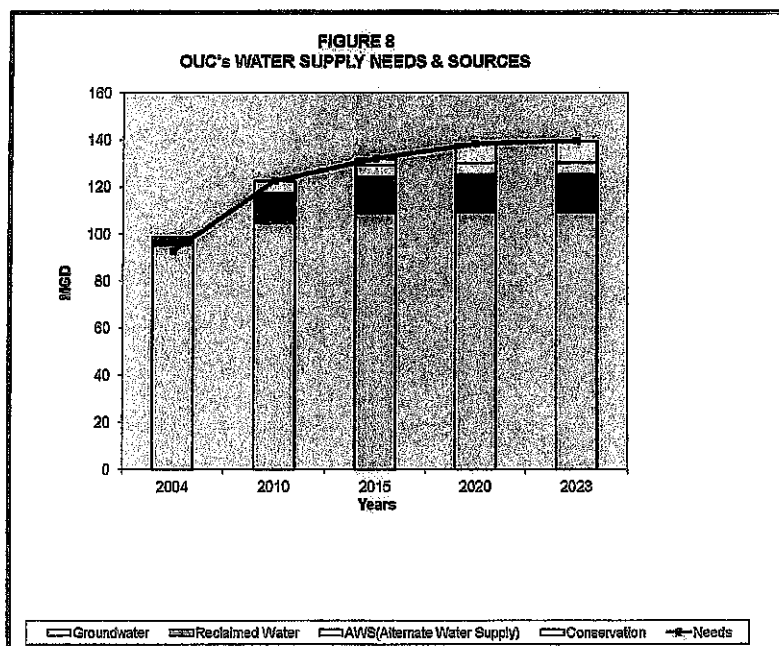


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Historical Water Use

Figure 8 from the OUC Work Plan (inserted below) shows the historical and projected need trend for OUC's Water Supply Needs and Sources for 2004-2023. Table 7 from OUC's Work Plan (inserted below) provides forecasted water supply needs and sources to 2023. Need projections were based on forecasting customer demand at the meter.



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**Table 7
Forecasted Water Supply Needs and Sources**

Year	Needs Within OUC Water Service Area			
	Potable Water Supply Needs Avg. Rainfall Year (mgd)	Potable Water Supply Needs 1-in-10 Rainfall Year (mgd)	Reclaimed Water Supply Needs Avg. Rainfall Year (mgd)	Reclaimed Water Supply Needs 1-in-10 Rainfall Year (mgd)
2004	83.88	88.80	3.42	3.69
2010	103.39	109.59	12.09	12.82
2015	109.72	116.30	14.60	15.69
2020	116.23	122.20	15.14	16.05
2023	116.40	123.38	15.21	16.12
	Note 1	Note 1	Note 1	Note 1

Year	Sources To Meet Needs Within OUC Water Service Area During 1-in-10 Rainfall Year				
	Reclaimed Water Sources (mgd)	Groundwater Sources (mgd)	Alternative Water Supply Sources (mgd)	Conservation (mgd)	Total Potable Water Sources (mgd)
2004	3.63	95.00	0.00	0.00	98.63
2010	12.82	104.40	0.00	5.19	109.59
2015	15.69	108.60	5.00	2.70	116.30
2020	16.05	109.20	5.00	8.00	122.20
2023	16.12	109.20	5.00	9.18	123.38
	Note 2	Note 3	Note 4		

Note 1: The SJRWMD draft "Water Supply Assessment 2009" states that future water supply needs, for planning purposes, may be based on a 1-in-10 rainfall year. A 1-in-10 rainfall year is the one year out of ten years when rainfall is the lowest. Water supply needs in a 1-in-10 rainfall year are greater than they would be in an average rainfall year. Based on data provided by the District, water supply needs in the 1-in-10 rainfall year are 6% higher than the needs during an average rainfall year.

Note 2: The City of Orlando has pledged to provide OUC's future reclaimed water supply needs, including reclaimed water needed to supply demands within the OUC water service area, as well as the reclaimed water needed to implement Project RENEW. The City has sufficient quantities of reclaimed water available at the appropriate future time periods to meet OUC's needs, as documented in "Orlando Utilities Commission Project RENEW Engineering Report" (April 2006) prepared by CDM. The numbers for reclaimed water sources presented in this table match the reclaimed water needs because the City has adequate resources.

Note 3: From Condition 18, Consumptive Use Permit No. 3159 issued to Orlando Utilities Commission on May 11, 2004. Groundwater sources are assumed to be limited by the current CUP conditions.

Note 4: Conservation is treated as a potable water supply source because it stretches other supply sources by reducing needs. By showing it as a supply source, the amount of conservation needed to balance needs and sources can be calculated. The conservation quantities shown in this table are reasonable levels of conservation that are attainable based on OUC's past experience and the experience of other large utilities in Florida.

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Table 7 reveals that groundwater sources totaling 109.2 mgd will be required in the future. The OUC Work Plan identifies that the capacity of the existing facilities is sufficient to supply future needs through 2023, based on limitations imposed by the CUP. An additional well will be installed (Sky Lake Plant) to withdraw the maximum allocation allowed under the CUP.

The OUC Work Plan identifies that OUC will need to do three things to assure forecasted needs are met to 2023:

1. Participate in the St Johns/Taylor Creek Reservoir Project (identified alternative water supply source);

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2. Implement reclaimed water projects, and,
3. Continue conservation efforts (a water conservation plan is in the CUP)

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City of Edgewood Impact on Potable Water Demand to 2023

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The CUP approved by the SJRWMD anticipates a 2023 population served at 522,848.

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At the population projections for the City of Edgewood identified in the Future Land Use and Housing Elements data and analysis sections, even at the BEBR projected 2025 Edgewood population of 3,103 people, Edgewood's population would represent approximately .6% (six-tenths of a percent) of the total OUC population served in year 2023. Based on this data, the OUC forecasted need projections adequately provide for the potable water needs of Edgewood now and in the future. No increased demands are envisioned based on the Edgewood population projections to 2030 and development patterns of the City.

Conservation and Reuse Programs

OUC has had an active water conservation program. AS part of the CUP application process, OUC submitted a conservation plan. The following programs are utilized to promote conservation and reuse:

- In 2001, OUC adopted a water-conserving rate structure. Customers who use large quantities of water each month pay a higher per gallon charge; and,
- OUC has produced television, radio, written and web material to encourage customers to reduce quantity of water use for irrigation by providing them with actions customers can take to reduce water use while not damaging lawns or landscaping.

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SUMMARY

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The City of Edgewood can proactively participate in implementing the OUC Work Plan components as part of this Work Plan by incorporating applicable strategies into the City's Comprehensive Plan. These will facilitate meeting the forecasted needs by helping OUC continue conservation efforts. To coordinate with and contribute to meeting these water conservation and planning measures, the City hereby adds the following goal, objectives, and policies within the Intergovernmental Coordination Element and Conservation Element of the Comprehensive Plan.

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Intergovernmental Coordination Element

Objective 7.3: The City shall participate in conservation and coordination activities with Orange County, OUC, the Florida Department of Environmental Protection, and the St. Johns River Water Management District in order to provide for coordinated management and use of the water resources.

POLICY 7.3.1: A Future Land Use amendment requires the demonstration of adequate water supplies and demonstrates that associated public facilities are (or will be) available to meet projected growth demands pursuant to state statutes.

POLICY 7.3.2: Prior to approving a building permit or its functional equivalent, the City will consult with the Orange County and OUC to determine whether adequate water supplies will be available to serve the new development prior to issuing a development order building permit.

POLICY 7.3.3: The City has developed a ten-year water supply work plan that addresses current and projected water needs and sources. The City shall coordinate with all applicable local, state, and federal agencies regarding the work plan. In addition, the City will update the work plan within 18 months of any update to the regional water supply plan.

POLICY 7.3.4: The City will participate in the development of updates to the SJRWMD's water supply assessment and district water supply plan and in other water supply development-related initiatives facilitated by SJRWMD that affect the City.

POLICY 7.3.5: The City will coordinate with the Orlando Utilities Commission (OUC), Orange County, and other local jurisdictions in OUC's and Orange County's water service area regarding population projections and development projects that affect future water demands to assist in master planning to ensure that current and future water demands can be met.

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Conservation Element

Add to GOAL 5: Promote water conservation through practicing water conservation strategies.

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OBJECTIVE 5.2 The City shall identify key areas to contribute to water conservation and smart use of water resources to ensure capacity can be achieved and quality maintained. The City will use OUC, Orange County, and the SJRWMD as resources in implementing non-facility based water supply and conservation programs

POLICY 5.3.7:

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The City will encourage water conservation regulations that promote and encourage the use of low impact development techniques such as those that use the Florida Water Star Program.

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POLICY 5.3.8:

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The City will evaluate creating incentive programs that encourage the installation of water-saving plumbing devices, such as indoor water audits and leak detection and will consider adopting regulations that require water-efficient landscaping for all new development projects and require functioning rain sensor devices on automatic irrigation systems, as well as overriding green lawn deed restrictions.

POLICY 5.3.9:

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The City commits to using lower quality sources of water for non-potable needs when such sources (storm water, surface water, or reclaimed water) become available.

POLICY 5.3.10:

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The City commits to implementing water conservation practices that include: educational programs at schools; observing "Water Conservation Month" in April through press releases and resolution; promoting water conservation and environmental

education newsletters, as well as web-based newsletters; and enforcement of the Water Management District's "permanent water conservation rule".

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